

American Rescue Plan Working Group
Council Chambers, Newtown Municipal Center
3 Primrose St Newtown Ct
Monday, February 13th, 2023

Minutes

Present: Ed Schierloh, Sandy Roussas, Matthew Mihalcik, Charles Gardner & Michele Ku

Absent: Erica Sullivan

Also Present: Judit DeStefano Grant Specialist Newtown Board of Education, First Selectman Dan Rosenthal & Finance Director Bob Tait

Call to Order: Dan Rosenthal called the meeting at 6:34 pm

Vote Comments: None

Approval of Minutes: Michele Ku made a motion to approve the minutes from January 9th, 2023. Seconded by Sandy Roussas. All in Favor, motion passes (4-0) Charles Gardner abstained.

Old Business:

Discussion and Possible action

1. Consideration of remaining request for funding including but not limited to Borough Sidewalks, Board of Education, Newtown Police Dept., and additional funding for Community/Senior Center bus.
 - a. **Board of Education:** Judit DeStefano presented the Project Adventure proposal and the Middlegate playground. Mr Gardner asked about the site selection for the Reed and Middlegate project, Ms DeStefano said that there are a couple sites being looked at for the new Project Adventure installation and that Middlegate will be an upgrade to what is currently there. Sandy Roussas moved that we make a recommendation to the Board of Selectman to start the appropriation process for \$127,000 to fund the Board of Education requests for the Middle School, Middlegate and Reed School projects. Seconded by Michele Ku. Mr Gardner asked how the adventure courses are secured to prevent unauthorized use. The Middle School Project Adventure course will be moved towards the wooded area which won't be out in the open. Though there are security/locking mechanisms to keep unauthorized people from using it which is currently utilized at the High School on their Project Adventure course. Ms DeStefano highlighted that Project Adventure is the main Social Emotional Learning curriculum for the school district. All in Favor, motion passes (5-0)
 - b. **Community/Senior Center bus:** Mr Rosenthal presented a memo from Tim Whelan Fleet facility Manager, Public Works Department regarding the purchase of the Community/Senior Center bus. Ford has cancelled the order and is not going to honor the price that was originally quoted. The memo also informed the group that the town can purchase a Chevrolet bus though the price is \$108,245. The group originally recommended \$90,000 for the bus and Mr Whelan is requesting an additional \$20,000 to purchase a Chevrolet bus instead of the Ford. Ms Ku asked what make was the other van that was being purchased via the State Grant. Mr Rosenthal said

it was a Ford though the purchase of that van is going through the State and the town as not control over it. That van is smaller and can only being used by the Senior Center. Mr Gardern asked if the specs of the Chevrolet bus are the same as the Ford Bus, Mr Rosethenal said yes. Ms Roussas mentioned that that line 27 would increase to \$110,000 from the \$90,000 that was approved by the Council on 6/1/2022. Mr Rosenthal mentioned that the Community/Senior Center bus can be used by both organizations and has the capacity for 2 wheelchairs. The Community Center can use it for after school pick ups to bring students to programs at the Community Center. Ed Schierloh moved that we increase line 27 from \$90,000 to \$110,000 to fund the B Community/Senior Center bus. Seconded by Sandy Roussas. All in favor, motion passes (5-0)

- c. Mr Schierloh asked if there are any other items that have increases that have not started. Mr Rosenthal gave a short overview of some of the projects and will check on the water distribution system at Fairfield Hills. Mr Rosenthal also mentioned that the school board is going to send out an email to parents about the tutoring program to help make more people aware of the free tutoring that is available.
- d. **Borough Sidewalks:** Mr Rosenthal shared a memo from the Borough regarding a sidewalk project that the Borough is working on. There are 1 project 1 on 302 and the other on Queen Street and Church Hill Rd. Mr Rosenthal is going to ask someone from the Borough to attend our next meeting to discuss the 2 proposals. The Borough has already spent some of their ARP funds on the design work.
- e. **Newtown Police Dept.:** Mr Rosenthal shared a memo from Capt Bryan Bishop. The department recently had the departments duty firearms inspected and Capt Bishop is requested \$58,600 or ARP funds to replace the departments duty firearm. Mr Rosenthal is going to ask Capt Bishop to attend the next ARP meeting to discuss further.

Voter Comments: None

Adjournment: Ed Schierloh moved to adjourn the meeting at 7:29 pm. Seconded by Charles Gardner, All in favor.

Respectfully submitted,

Matthew Mihalcik

**These minutes are subject to approval by the American Rescue Plan Working Group
at the next meeting**

Town of Newtown					2/13/2023
the American Rescue Plan Act of 2021 (ARP)					
ARP Working Group Worksheet					
ARP award amount					
Possible Uses:					
line	General Government:		Recommended	Approved	
1	Fairfield Hills - Replace Water Distribution System	1,500,000	✓	1/27/2022	f
2	Fairfield Hills Campus Safety Improvements	20,000	✓	12/12/2022	f
3	Edmond Town Hall Building Improvements	125,000	✓	9/22/2022	f
4	Public Works:				
5	Multi-purpose Building Roof	190,000	✓	1/27/2022	f
6	Public Works 6 Wheel 8 Ton Dump Truck	240,000	✓	12/12/2022	f
7	Public Works Front & Bucket Loader	300,000	✓	7/28/2022	f
8	Truck Washing Station - Design	50,000			
9	Transfer Station Site Improvements	200,000	✓	4/11/2022	f
10	Municipal Building Improvements	100,000	✓	4/11/2022	f
11	Sandy Hook Side Walks				
12	section #1 - Glen Road	215,000	✓	9/22/2022	f
13	Public Safety:				
14	Fire Commission Fire Suppression Tank Repair	50,000	✓	1/27/2022	f
15	Fire Company Grants (4 x \$15,000); NUSAR (\$15,000);	90,000	✓	1/27/2022	f
16	Ambulance (\$15,000)				
17	Board of Fire Commissioners (5 x \$50,000) + \$50,000 (training)	300,000	✓	1/9/2023	
18	Police - New firearms, Equipment and Ammunition	60,000			
18	Recreation & Leisure:				
19	Parks & Recreation Truck with lift gate	90,000	✓	4/11/2022	f
20	Treadwell Park Disc Golf Course	40,000			
21	Dickinson Park New Pavilion (Refurbishment)	150,000	✓	4/11/2022	f
22	Dickinson Park New Pavilion (Refurbishment) - add'l amount	50,000	✓	9/22/2022	f
23	Bike Park at Fairfield Hills	75,000	✓	9/22/2022	f
24	The Art Walk at Fairfield Hills	50,000			
25	Health & Welfare:				
26	Housing Stallization Fund	20,000	✓	9/22/2022	f
27	Senior/Community Center 14 passenger bus	90,000	✓	5/9/2022	f
28	COVID supplies/expenses	40,000	✓	1/27/2022	f
29	Child/Youth Enrichment Fund (Newtown Human Services Dept.)	20,000	✓	7/28/2022	f
30	Community Center:				
31	Community Center Generator (75,000)	passed			
32	Community Center Outside Storage Building	75,000	✓	4/11/2022	f
33	Community Center Patio	155,000	✓	4/11/2022	f
34	Community Center Outdoor Spray Features (200,000)	passed			
35	Community Center/Senior Center Handicap Doors	16,000	✓	4/11/2022	f
36	Education:				
37	Hawley School HVAC/Ventilation project	2,500,000	✓		f
38	Student Tutoring Support Program (Newtown Human Services Dept.)	100,000	✓	7/28/2022	f
39	Middlegate School Playground	60,000			
40	Project Adventure Course Upgrade	40,000			
	Borough:				
	Sidewalk Construction and Related Safety Improvements	200,000			
41	Function Wide:				
42	Reimburse the Town Medical Self Insurance Fund				
43	for COVID Expenses (since 3/3/2021)	325,000	✓	1/27/2022	f
		appropriated			
		6,736,000			
	Amount Available after Appropriated	938,294			
	✓ Recommended by the ARP Working Group. To go through the Town appropriation process (BOS/BOF/LC)				
	f Appropriated by Legislative Council				

American Rescue Plan Working Group
Council Chambers, Newtown Municipal Center
3 Primrose St Newtown Ct
Monday, January 9th 2023

Minutes

Present: Ed Schlerloh, Sandy Roussas, Erica Sullivan, Matthew Mihalcik & Michele Ku

Also Present: First Selectman Dan Rosenthal & Finance Director Bob Tait

Call to Order: Dan Rosenthal called the meeting at 6:33 pm

Vote Comments: None

Approval of Minutes: Michele Ku made a motion to approve the minutes from December 12th, 2022. Seconded by Sandy Roussas. All in Favor, motion passes (5-0)

Old Business:

Discussion and Possible action

1. Board of Fire Commissioners Request

- a. Tim Whelan a member of the Board of Fire Commissioners presented a revised proposal to the group. The revised proposal is \$50,000 per fire department (\$250,000) and \$50,000 for training aids to be used by all departments. This proposal as endorsed by the Board of Fire Commissioners at a special meeting on 1/5/2023. Mrs Ku asked how the paving project at Botsford would be handled since it was original quoted at \$100,000. Mr Whelan commented that Newtown Public Works went and measured the area and based on the current rate of asphalt it is possible for the town to purchase the material and Public Works to do the work and keep the cost around \$50,000. Mrs Roussas asked how would Hawleyville handle the projects. Mr Whelan mentioned that the roof repair which was listed on the original proposal has been completed. The items targeted would be the exhaust removal system and equipment for the rescue truck.
- b. Sandy Roussas moved that we make a recommendation to the Board of Selectman to start the appropriation process for \$300,000 to fund Board of Fire Commissioners request for \$50,000 per each fire department (\$250,000) and \$50,000 in combined training aids. Seconded by Michele Ku. All in Favor, motion passes (5-0)

2. Consideration of remaining request for funding

- a. Mr Rosenthal mentioned the other items on the list. He also mentioned other items that might be coming up but are still in preliminary research and pricing stages. Mrs Ku asked about the possible use for board band access at Fairfield Hills. She thinks it would be helpful for residents especially when there are areas of town without power/internet access. Mr Mihalcik brought up the use of funds for the design of the truck wash station that is currently in year 3 of the proposed CIP. Mr Rosenthal confirmed with Mr Tait that we have until 12/31/2024 to appropriate the funds and send them by 12/31/2026.

Voter Comments: None

Adjournment: Ed Schierloh moved to adjourn the meeting at 7:24 pm. Seconded by Sandy Roussas, All in favor.

Respectfully submitted,

Matthew Mihalcik

These minutes are subject to approval by the American Rescue Plan Working Group
at the next meeting

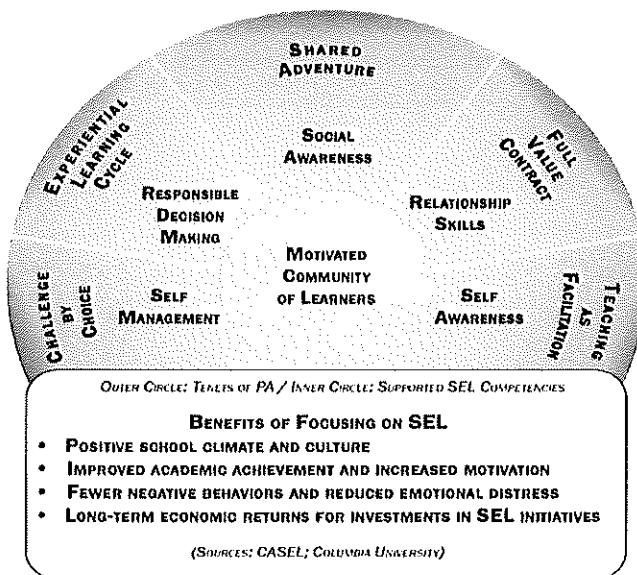
American Rescue Plan Working Group Funding Request Newtown Middle School and Reed Project Adventure Middlegate Playground

Project Adventure

Project Adventure, an adventure-based, experiential learning program, has been an integral element of Newtown school district's Social Emotional Learning (SEL) curriculum for over 20 years. It facilitates positive, life changing, transformative group experiences for Newtown students, staff, and the entire Newtown community.

We are seeking to install a low element adventure course at Reed School, move and upgrade the Project Adventure low element at Newtown Middle School, and provide staff with training.

Project Adventure helps students "build skills like communication, problem-solving, and collaboration, while helping [them] learn more about themselves and each other." – <https://www.pa.org/> The core tenets of Project Adventure support the CASEL (the Collaborative for Academic, Social and Emotional Learning) five core competencies of Social and Emotional Learning:



Project Adventure is not a stand-alone program; rather, it creates a common vocabulary and an experiential approach to SEL and provides strategies that all teachers and staff can apply in their own learning environments. Through Project Adventure, students develop many social and emotional skills, including the following:

- Responsible personal and social behavior.
- Understanding and respecting differences.

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- Decision-making skills - setting goals, taking appropriate risks, enjoying challenges, and problem solving.
- Strong communication, teamwork and leadership skills.

Why focus on SEL at all? According to CASEL, "SEL is the process through which children and adults acquire and effectively apply the knowledge, attitudes, and skills necessary to understand and manage emotions, set and achieve positive goals, feel and show empathy for others, establish and maintain positive relationships, and make responsible decisions. Social and emotional skills are critical to being a good student, citizen, and worker. Many risky behaviors (e.g., drug use, violence, bullying, and dropping out) can be prevented or reduced when multiyear, integrated efforts are used to develop students' social and emotional skills." Studies have shown that students who participate in SEL programs have improved academic performance, and reduced symptoms of depression and anxiety. (<https://casel.org/>)

Installation at Reed School

Project Overview

Reed school is the only school in the district offering Project Adventure that does not currently have a challenge course. Instead, educator Sara Strait uses props and indoor climbing equipment to teach her classes. An outdoor challenge course would allow Sara to do more with the Project Adventure curriculum, design and deliver advanced activities, and fully embrace the experiential learning model. There are currently 584 students enrolled at Reed. All students (with a few exceptions) take Project Adventure, which meets per 6 day cycle for 43 minutes. This is a year-long class.

To help build a safe and respectful learning community, Reed Intermediate School has adopted the Full Value Contract, originally developed by Project Adventure. The Full Value Contract is a process by which students and staff set behavioral expectations for the entire school community, adhere to the group goals, and regularly review and reflect on their progress. The Full Value Contract is an active contract for all areas of the school environment - classrooms, hallways, the cafetorium, playgrounds, and buses. Each month, Reed Intermediate School focuses on one component of the Full Value Contract. The core components are: Be Here, Be Safe, Be Honest, Set Goals, Let Go and Move On, and Care for Self and Others. A low element challenge course is the natural expansion of this program at Reed School, and Grades 5 and 6 are ideal for introduction to this type of challenge course.

An added benefit to having a challenge course at Reed School is the accessibility to the course by community organizations, including the Newtown Community Center (NCC), which runs a summer camp serving grades K-8 out of the facility located at Fairfield Hills. The NCC has voiced interest in participating in Project Adventure and the close proximity would mean buses and associated costs could be avoided. Further, students attending summer school and Summer Splash Academy, the NCC after-school camp program offered to encourage summer school enrollment by easing the transportation burden on parents, would be able to stay at Reed for the second part of the day, on days Project Adventure is planned. Students who struggle academically and otherwise are particularly poised to benefit from Project Adventure and other SEL programs. A 2019 CASEL brief evaluating the finding of nearly 300 studies, extrapolates that adding a SEL program to existing school services results in 27% more students improving their academic performance at the end of the program. Additionally, 23% more would have improved attitudes and 22% more would show fewer conduct problems. These results are long lasting,

according to a 2017 meta-analysis.

(<https://casel.s3.us-east-2.amazonaws.com/Practical-Benefits-of-SEL-Program.pdf>)

Budget Summary (Estimate)

Item	Cost
Challenge Course Element Installation	\$17,154.75
Challenge Course Inspection	\$350.00
Labor - Travel and Prep	\$840.00
Poles, Pole Setting and Ground Anchors	\$44,750.00
Planning, Design and Administrative Expenses	\$1,720.00
Travel Expenses	\$3,667.00
*Training	\$2,410.00
Total	\$70,891.75

Please see the attached quote and supporting documents.

*Training quoted separately.

Upgrade at Newtown Middle School

Project Overview

Newtown Middle School was the first school in the district to adopt Project Adventure. With educators Ron Chivinski and Mark Michaud heading up the Middle School program, the pillars of the Project Adventure Framework, including full-value contract, experiential learning, and challenge by choice, are becoming more integrated into classroom instruction and pedagogy. All Newtown students who pass through the Middle School are exposed to the Project Adventure curriculum in both grades 7 and 8. There are 616 students enrolled in the school currently. For one semester each year, students have the class 2 times per cycle.

The Project Adventure course at the middle school has several features, including a large hybrid low/high element that is set at the rear of a field. The field is used by students during the school day and for recreational sports during non-school hours. To ensure there are no hazards present, much of the low element is disassembled and stored after each use. This is time consuming and each assembly presents an opportunity for misstep. The bulk of the Middle-school request is to fund a new, low-element course that will be set back in the woods. The existing structure would remain as components of it double as high element features. This addition would allow more concurrent use of the Project Adventure course, and increased ease of use for the high element features. Necessary repairs to the existing elements are included in the quote; consolidating installation and servicing trips for the PA staff realizes a cost benefit for the district.

The Moby Deck element is a higher-level activity that would allow eighth graders a new experience, with the purpose of promoting trust building with classmates, developing self-awareness, and building confidence.

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Project Adventure Staff at Newtown Middle School and Reed School will work collaboratively with the Project Adventure design team to ensure there is enough differentiation between the courses to allow progression for students moving through the grades, and to maximize educators' ability to develop curriculum that builds on pre-existing knowledge. Modifications to the course design may be needed to reflect these efforts, and to accommodate environmental factors, once a full site analysis is completed.

Budget Summary (Estimate)

Item	Cost
Challenge Course Repairs	\$4,761.25
Challenge Course Element Installation	\$8,066.25
Labor - Travel and Prep	\$840.00
Planning, Design and Administrative Expenses	\$810.00
Travel Expenses	\$3,363.25
*Training	\$4820.00
Total ARP Request	\$22,660.75

Please see the attached quote and supporting documents.

*Training quoted separately.

Project Adventure Training

Training is offered by Project Adventure Inc, based in Beverly MA, and trainers travel on-site.

The training and orientation for new installations and elements is approximately one day per site with an associated cost of \$2,500/day. Because all the educators training are experienced PA facilitators, and because of the geographic proximity of the two locations, we have asked for a consolidated training to cover both courses. Project Adventure has estimated this can be accomplished in 1 training day. This instruction will be on technical skills involved in operations of new elements with some facilitation skill building.

Another 2 day training for facilitators and administrative staff is intended to both train staff and to help administration understand why and how to make the curriculum school-wide. This professional development opportunity is centered around curriculum building and expanding the Project Adventure framework into a whole school approach; thereby creating a Full Value Social Emotional Learning Community. Reed school, having years ago adopted the pedagogy of the Full Value Contract, serves as a model for the positive influences of this framework. Extending the reach of the program to the Middle School amplifies the beneficial effects of Project Adventure in the district, and maximizes the program's potential. This training is intended for Newtown Middle School and Reed School staff will participate if budget allows.

Playground Replacement at Middlegate Elementary School

Project Overview

The existing swing set and climbing structures at Middlegate school used by grades K-2 is slated to be replaced. We are proposing to replace the existing structures with a new playscape designed and

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proposed by UltiPlay, a state-contracted vendor. The existing units on this section of the grounds are estimated to be around 25 years old. The most recent annual evaluation reveals wear, paint chipping, and rust. Middlegate's enrollment is currently 400, of which 247 are in the lower (applicable) grades.

Play is important to the development of children. An article published by the American Academy of Pediatrics notes that "Children need to develop a variety of skill sets to optimize their development and manage toxic stress. Research demonstrates that developmentally appropriate play... is a singular opportunity to promote the social-emotional, cognitive, language, and self-regulation skills that build executive function and a prosocial brain." Further, "Play is not frivolous: it enhances brain structure and function and promotes executive function (ie, the process of learning, rather than the content), which allow us to pursue goals and ignore distractions." (aap.org)

Budget (Estimate)

The quote is from a state-contracted vendor, UltiPlay, who has in the past been contracted for playground upgrades and installations for the district. It is a suitable configuration per the Facilities Director, and has been approved by the Middlegate PTA.

Contribution	Cost
Board of Education Budget	\$20,000
Middlegate PTA	\$10,000
ARP Request	\$32,389
Project Total	\$64,389

This includes equipment, surfacing, shipment, and installation. (See attached) Of this, \$20,000 is included in the 2022/23 budget, \$10,000 is requested of the Middlegate PTA, and the balance is requested here.

Another grant for a shade structure (valued up to \$8,00) may be pursued to add an area offering sun protection adjacent to the playground:

<https://www.aad.org/public/public-health/shade-structure-grants>

Summary

Children, adolescents included, were significantly impacted by the social ramifications of the COVID pandemic. Many students in late elementary and intermediate school at the time of the pandemic struggled to acclimate when returning to school full-time, in-person. According to the CDC, "The COVID-19 pandemic has had a seismic effect on communities across the country, and young people have been especially impacted by the ways in which their everyday lives have been altered. The disruptions were widespread – school buildings closed, opportunities for connecting with peers were limited, communities were dealing with loss and upheaval." Their data shows that "youth who felt more connected to people at their schools had better mental health." We know that schools are an important venue for providing much needed support, and that opportunities for peer-to-peer and peer-to-adult connection through play and SEL focused programming is critical. (cdc.gov)

Investing in the play spaces and SEL curriculum tools that promote healthy brain development, cooperation, independence, self-efficacy, confidence and social - emotional well being are aligned with the objectives of the district and the spirit of ARP funding.

Site Review

Park/Playground Name: Middle Gate Elementary School

Playground Location: 7 Cold Spring Road, Newtown, CT

Owner/Operator: Newtown Public Schools

Date of Inspection: August 2022

Equipment/Item	Observations/Condition	Priority	Recommendations
General	Minimum recommended compliance with current ADA Accessibility Guidelines for Buildings and Facilities met with existing loose-fill resilient surfacing (engineered wood fiber).		No Action
General	Surfacing material low in some areas, could regraded under high traffic areas as needed. Grass growing through in most areas	3	Re-rake/ regrade as needed especially at slide exit and high traffic areas.
Independent Swings	1. Swings showing rust on chains and hardware	3	1. Replace chains and hardware
Events/ Swings	2. Track ride handle has no caps- water getting in	3	2. Put caps to close ends
2-5 Composite Structure (on side of building)	1. Play dome not anchored and in use zone of structure	3	1. Move portable dome
Miracle Structure	2. Cracking vinyl and rust showing on steel and hardware	3	2. Older structure monitor
	3. Recommend removing structure		
5-12 Play Area (Right of school)	1. ADA access to play area not present	2	1. Create access through timbers
	2. grass growing underneath through mulch		2. remove grass and install mulch
Large Tower (PSI)	1. Transfer stations (3) – paint chipping	3	1. Sand and touch up paint
	2. Paint chipping on clamps and railings	3	2. Sand and touch up paint
	3. Cat walk- vinyl peeling rust evident	3	3. Continue to monitor
	4. Bubble panel -clouded and can't see through		4. consider replacing panel
	5. Climber step ladder- no issues		
	6. Safety rails on ground- no issues		
	7. Counter panel – no issues		
	8. Roof- no issues		
	9. Inclined Tunnel Bridge – no issues		
	10. Tree leaf climber- no issues		
	11. Yellow slide – no issues		
	12. Rock/Rope climber- rust showing	3	12. Monitor
	13. Play panels (tic/tac/toe; seat)- no issues		
	14. Purple Tunnel Slide- cracks at connections by exit	3	14. Replace tunnel section
Independent Climber/Swings	1. Climber showing rust and paint chipping	3	1. Sand and touch up paint
	2. 6' single post (2 bays) red- chain rusted and worn		2. Replace chains and hardware
	3. 8' Heavy duty swings (3 bays)- grass growth		
	4. Dual track rides – no issues but grass growth		
	5. PSI climber- no issues identified		
	6. Overhead linking events to tower structure- paint chip rust showing		6. Sand and touch up paint
Small Structure (IMF)	1. Vinyl peeling- steel and hardware rusted	3	1. old unit consider removing

Definitions:

Priority 1: Any condition of the playground which is life-threatening or can cause severe, permanent disability.

Priority 2: Any condition of the playground which can cause serious, but non-disabling injury.

Priority 3: Any condition of the playground which can cause slight injury OR any Condition which may not have caused injury but does not meet the CPSC Guidelines

Handbook for Public Playground Safety or ASTM F1487.



Quote
EST-000422

UltiPlay
43 Main St
Blackstone Massachusetts 01504
<https://www.ultiplayus.com/>

Bill To
Attn: Bob Gerbert
Newtown Public Schools
3 Primrose Street
Newtown, CT 06470

Ship To
Bob Gerbert
Newtown Public Schools
Middle Gate School
7 Cold Spring Road
7 Cold Spring Road
Newtown, Connecticut 06470

Date : Jan 17, 2023
Quote Expires : Feb 17, 2023
Sales Rep : Jon Jalbert
Rep Email : jjalbert@ultiplayus.com
Rep Phone # : 508-688-7007

#	Item & Description	Qty	Rate	Discount	Amount
1	Equipment shown in design 50621-JJ-B	1	59,408.00	17,159.00	42,249.00
2	Surfacing EWF (4,340 sf)	180	23.00	0.00	4,140.00
3	EWf truck rate	2	550.00	0.00	1,100.00
4	Professional Installation - Equipment	1	17,700.00	0.00	17,700.00
Subtotal					65,189.00
Shipping					600.00
CT Contract					(-) 1,400.00
Total					\$64,389.00

Thank you for the opportunity to assist with your recreation project.

Terms & Conditions

Due to supply chain challenges, our manufacturers are facing longer lead times than usual. Most of our manufacturing partners are shipping 3-6 months out. Quote is valid for 30 days and requires our authorization thereafter. Trash and packaging materials will be consolidated and stacked neatly on Customer's site or placed in Customer's dumpster on site if other arrangements have not been agreed.

Prices in the above Quote are valid under the noted expiration date. If you choose to pay with a credit card, processing fees will be added to the total. Tax will be added to the final invoice unless a tax-exempt certificate is provided. For orders in an amount of \$100 or less, payment in full is required at the time of the order. For all other orders, a minimum 1/3rd deposit is required, unless expressly waived by UltiPlay (Orders from governmental entities are excluded from the deposit requirement).

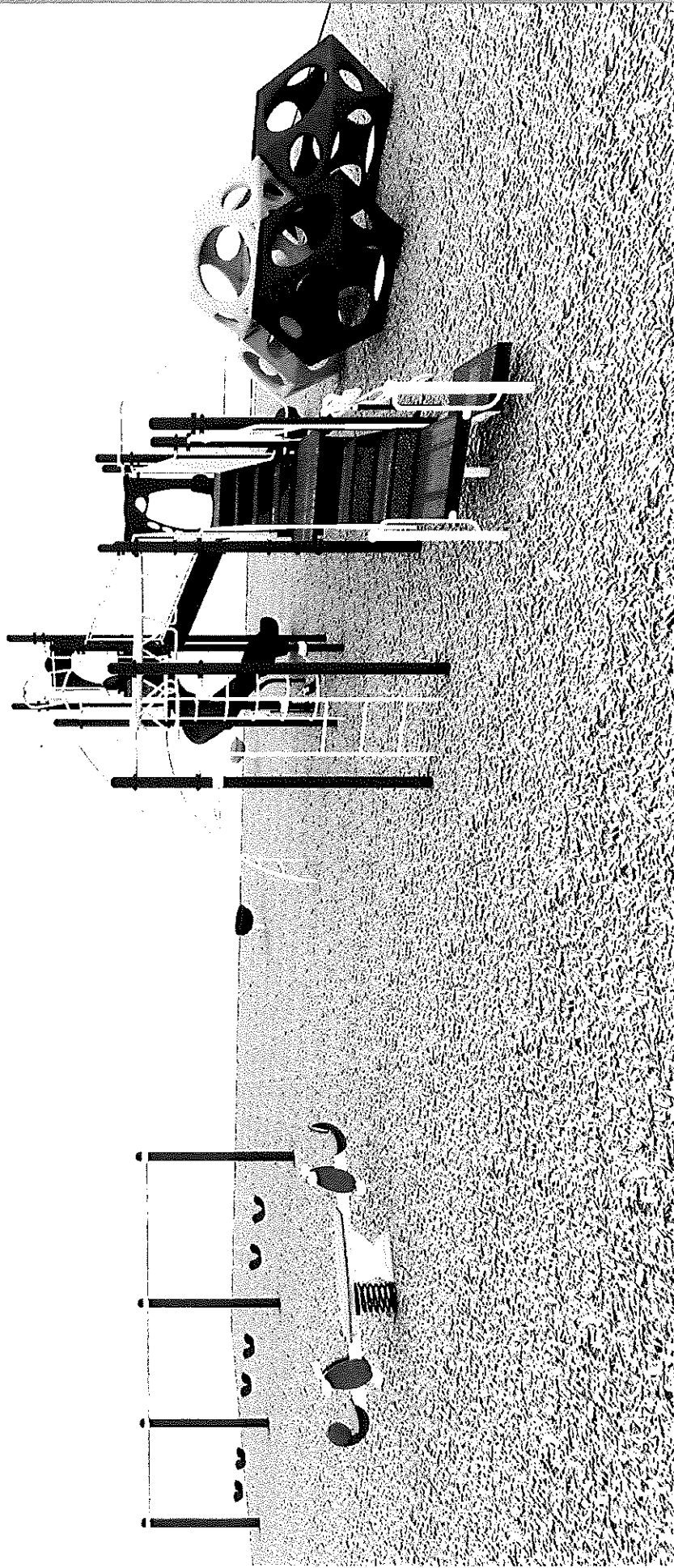
Orders become final forty-eight (48) hours from receipt of Order Agreement. Orders may NOT be canceled or returned under any circumstances. Items which may be canceled or returned are subject to a twenty (20%) percent restocking fee, plus the cost of return freight. Returned items must be in original packaging, in new condition, and returned within ten (10) days. Authorization for the return must be obtained in writing from UltiPlay. Orders for products, other than those from Playworld, may NOT be canceled or returned.

If we can assist in any way, please reach out to your Sales Representative noted at the top of this document.

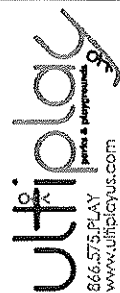
Authorized Signature _____
Signature, Title and Date



Middle Gate Rear



Middle Gate Rear



866.575.PLAY
www.ultimateus.com

EQUIPMENT SIZE:

USE ZONE:
SEE DWG.

AREA: 4,340 SqFt.

FALL HEIGHT:
9 Ft.

USER CAPACITY: 59+ AGE GROUP: 5-12



- ✓ ASTM F1487-17
- ✓ CPSC #325

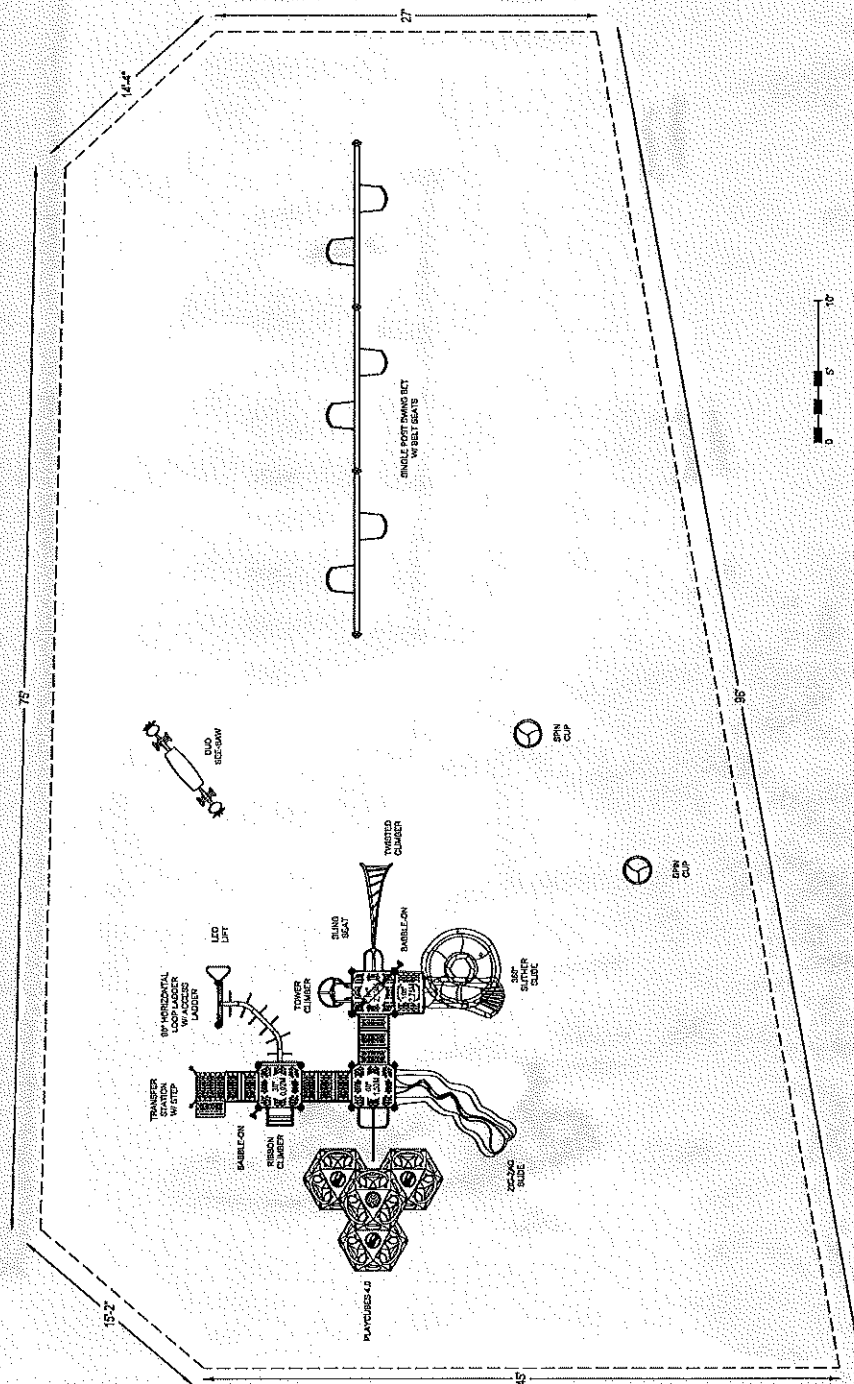
CALF

NOT TO SCALE

Paper Size

DATE:

05-OCT-22

**PLAYGROUND SUPERVISION REQUIRED**

Middle Gate Rear

Design Number: 50621-JJ-A - Bill Of Material

Ref. No.	Part No.	Description	Quantity
Posts			
1	ZZCH0018	3.5in OD x 124in STEEL POST W/RIVETED CAP	2
2	ZZCH0028	3.5in OD x 136in STEEL POST W/ RIVETED CAP	4
3	ZZCH0038	3.5in OD x 148in STEEL POST W/ RIVETED CAP	4
4	ZZCH0058	3.5in OD x 172in STEEL POST W/RIVETED CAP	2
5	ZZCH0076	3.5in OD x 200in STEEL POST W/RIVETED CAP	2
Decks & Kick Plates			
6	ZZCH0616	SQUARE COATED DECK ASSEMBLY	3
ADA Items			
7	ZZCH2007	TRANSFER STATION w/TALL GUARDRAILS (36in DECK)	1
8	ZZUN2019	APPROACH STEP FOR TRANSFER STATION	1
Slides			
9	ZZCH3216	SLITHER SLIDE 2.0 BALCONY ENTRY/EXIT	1
10	ZZCH3236	ZIGZAG SLIDE (60in DECK)	1
11	ZZUN3207	SLITHER SLIDE 2.0 (STRAIGHT SECTION)	1
12	ZZUN3218	SLITHER SLIDE 2.0 (LEFT 120° SECTION)	3
13	ZZUN3247	SLITHER SLIDE 2.0 SUPPORT LEG 5ft-6in	1
14	ZZUN3256	SLITHER SLIDE 2.0 SUPPORT LEG 2ft-6in	1
Activity Panels			
15	ZZCH4896	SLING SEAT	1
Climbers			
16	ZZCH6190	24in DECK TO DECK CLIMBER	1
17	ZZCH7166	7ft TWISTED CLIMBER	1
18	ZZCH7169	7ft TOWER CLIMBER	1
19	ZZCH8289	RIBBON CLIMBER (36in DECK)	1
20	ZZCH8939	TRANSITION CLIMBER- CHALLENGER	1
21	ZZUN8727	PLAYCUBE- GROUND LEVEL	3
22	ZZUN8747	PLAYCUBES- ABOVE GROUND- 3 SIDED CONNECTION	1
Overhead Events			
23	ZZCH5770	LEG LIFT	1
24	ZZCH5850	90 DEGREE HORIZONTAL LOOP LADDER	1
25	ZZCH5970	OVERHEAD EVENT ACCESS LADDER (36in DECK)	1
Audible Activities			
26	ZZCH4467	GROUND TO GROUND BABBLE-ON	1
Stairs and Ladders			
27	ZZCH9170	24in ACCESS STEPPED PLATFORM (DECK TO DECK)	2



Middle Gate Rear

Post/Installation: Steel-Footed

Design Number: 50621-JJ-A - Pricing Schedule

2022 Pricing - Valid For: 30 Days From Quote Date

Ref. No.	Part No.	Qty.	Description	Unit Weight (lbs)	Unit List (US\$)	Total Weight (lbs)	Total List (US\$)
Modular Playscape:							
Posts							
1	ZZCH0018	2	3.5in OD x 124in STEEL POST W/RIVETED CAP	38.91	246.00	77.82	492.00
2	ZZCH0028	4	3.5in OD x 136in STEEL POST W/ RIVETED CAP	43.51	263.00	174.04	1,052.00
3	ZZCH0038	4	3.5in OD x 148in STEEL POST W/ RIVETED CAP	47.11	277.00	188.44	1,108.00
4	ZZCH0058	2	3.5in OD x 172in STEEL POST W/RIVETED CAP	52.01	304.00	104.02	608.00
5	ZZCH0076	2	3.5in OD x 200in STEEL POST W/RIVETED CAP	61.01	336.00	122.02	672.00
Decks & Kick Plates							
6	ZZCH0616	3	SQUARE COATED DECK ASSEMBLY	54.86	1,176.00	164.58	3,528.00
ADA Items							
7	ZZCH2007	1	TRANSFER STATION w/TALL GUARDRAILS (36in DECK)	148.4	1,999.00	148.40	1,999.00
8	ZZUN2019	1	APPROACH STEP FOR TRANSFER STATION	35.83	457.00	35.83	457.00
Slides							
9	ZZCH3216	1	SLITHER SLIDE 2.0 BALCONY ENTRY/EXIT	162.06	2,998.00	162.06	2,998.00
10	ZZCH3236	1	ZIGZAG SLIDE (60in DECK)	153.73	2,241.00	153.73	2,241.00
11	ZZUN3207	1	SLITHER SLIDE 2.0 (STRAIGHT SECTION)	19.59	540.00	19.59	540.00
12	ZZUN3218	3	SLITHER SLIDE 2.0 (LEFT 120° SECTION)	41.68	888.00	125.04	2,664.00
13	ZZUN3247	1	SLITHER SLIDE 2.0 SUPPORT LEG 5ft-6in	19.41	244.00	19.41	244.00
14	ZZUN3256	1	SLITHER SLIDE 2.0 SUPPORT LEG 2ft-6in	12.81	244.00	12.81	244.00
Activity Panels							
15	ZZCH4896	1	SLING SEAT	12.5	610.00	12.50	610.00
Climbers							
16	ZZCH6190	1	24in DECK TO DECK CLIMBER	41.34	880.00	41.34	880.00
17	ZZCH7166	1	7ft TWISTED CLIMBER	123.91	2,525.00	123.91	2,525.00
18	ZZCH7169	1	7ft TOWER CLIMBER	107.92	2,270.00	107.92	2,270.00
19	ZZCH8289	1	RIBBON CLIMBER (36in DECK)	35.02	795.00	35.02	795.00
20	ZZCH8939	1	TRANSITION CLIMBER- CHALLENGER	55.14	1,083.00	55.14	1,083.00
21	ZZUN8727	3	PLAYCUBE- GROUND LEVEL	151.62	3,545.00	454.86	10,635.00
22	ZZUN8747	1	PLAYCUBES- ABOVE GROUND- 3 SIDED CONNECTION	99.58	3,103.00	99.58	3,103.00
Overhead Events							
23	ZZCH5770	1	LEG LIFT	6.76	168.00	6.76	168.00
24	ZZCH5850	1	90 DEGREE HORIZONTAL LOOP LADDER	67.9	1,260.00	67.90	1,260.00
25	ZZCH5970	1	OVERHEAD EVENT ACCESS LADDER (36in DECK)	25.12	587.00	25.12	587.00
Audible Activities							
26	ZZCH4467	1	GROUND TO GROUND BABBLE-ON	43.15	1,041.00	43.15	1,041.00



Middle Gate Rear

Post/Installation: Steel-Footed

Design Number: 50621-JJ-A - Pricing Schedule

2022 Pricing - Valid For: 30 Days From Quote Date

Ref. No.	Part No.	Qty.	Description	Unit Weight (lbs)	Unit List (US\$)	Total Weight (lbs)	Total List (US\$)
Stairs and Ladders							
27	ZZCH9170	2	24in ACCESS STEPPED PLATFORM (DECK TO DECK)	135.24	2,743.00	270.48	5,486.00
Total:						2,851.47	49,290.00
<u>Independent Items:</u>							
1	ZZXX0065	2	SPIN CUP	57.21	992.00	114.42	1,984.00
2	ZZXX0260	6	BELT SEAT W/SILVER SHIELD CHAIN FOR 8ft TOP RAIL	8.8	143.00	52.80	858.00
3	ZZXX0596	1	DUO SEE-SAW WITH BACKREST	210.02	3,587.00	210.02	3,587.00
4	ZZXX0818	1	8ft SINGLE POST SWING ASSEMBLY	257.68	1,415.00	257.68	1,415.00
5	ZZXX0819	2	8ft SINGLE POST SWING ADD-A-BAY	169.58	971.00	339.16	1,942.00
Total:						974.08	9,786.00
Grand Total:						3,825.55	59,076.00

Please Note:

1. When placing an order for this project, the drawing number is representative of the Playmakers, Challengers or Explorers playstructure only. Items listed under 'Independent Items' must be listed on your purchase order separately to be included.



Middle Gate Rear

Design Number: 50621-JJ-A - Compliance and Technical Data
Reference Document: ASTM F1487

Ref. No.	Part No.	Qty.	Description	Unit ASTM Status	Total Weight (lbs)	Pre-Consumer Recycled Content (lbs)	CO2e Footprint (kgs)	Users	Install Hours	Concrete (Yds3)	Active Play Events
1	ZZXX0065	2	SPIN CUP	Certified	114.42		602	2	4.00	0.24	2
2	ZZXX0260	6	BELT SEAT W/SILVER SHIELD CHAIN FOR 8ft TOP RAIL	Certified	52.80		323	6	1.50	0.00	6
3	ZZXX0596	1	DUO SEE-SAW WITH BACKREST	Certified	210.02		810	2	3.00	0.12	1
4	ZZXX0818	1	8ft SINGLE POST SWING ASSEMBLY	N/A	257.68		159	0	2.00	0.24	0
5	ZZXX0819	2	8ft SINGLE POST SWING ADD-A-BAY	N/A	339.16		219	0	4.00	0.24	0
6	ZZCH0018	2	3.5in OD x 124in STEEL POST W/RIVETED CAP	Certified	77.82		108	0	2.00	0.25	0
7	ZZCH0028	4	3.5in OD x 136in STEEL POST W/ RIVETED CAP	Certified	174.04		234	0	4.00	0.50	0
8	ZZCH0038	4	3.5in OD x 148in STEEL POST W/ RIVETED CAP	Certified	188.44		253	0	4.00	0.50	0
9	ZZCH0058	2	3.5in OD x 172in STEEL POST W/RIVETED CAP	Certified	104.02		146	0	2.00	0.25	0
10	ZZCH0076	2	3.5in OD x 200in STEEL POST W/RIVETED CAP	Certified	122.02		168	0	2.00	0.25	0
11	ZZCH0616	3	SQUARE COATED DECK ASSEMBLY	Certified	164.58		521	9	3.00	0.00	0
12	ZZCH2007	1	TRANSFER STATION w/TALL GUARDRAILS (36in DECK)	Certified	148.40		310	2	2.00	0.09	0
13	ZZJUN2019	1	APPROACH STEP FOR TRANSFER STATION	Certified	35.83		72	1	1.00	0.04	0
14	ZZCH3216	1	SLITHER SLIDE 2.0 BALCONY ENTRY/EXIT	Certified	162.06		633	2	2.50	0.03	1
15	ZZCH3236	1	ZIGZAG SLIDE (60in DECK)	Certified	153.73		679	2	2.00	0.03	1
16	ZZJUN3207	1	SLITHER SLIDE 2.0 (STRAIGHT SECTION)	Certified	19.59		128	0	0.25	0.00	0
17	ZZJUN3218	3	SLITHER SLIDE 2.0 (LEFT 120° SECTION)	Certified	125.04		695	0	0.75	0.00	0
18	ZZJUN3247	1	SLITHER SLIDE 2.0 SUPPORT LEG 5ft-6in	Certified	19.41		70	0	0.25	0.03	0
19	ZZJUN3256	1	SLITHER SLIDE 2.0 SUPPORT LEG 2ft-6in	Certified	12.81		59	0	0.25	0.03	0
20	ZZCH4896	1	SLING SEAT	Certified	12.50		146	1	0.50	0.00	1
21	ZZCH6190	1	24in DECK TO DECK CLIMBER	Certified	41.34		145	1	1.00	0.00	1
22	ZZCH7166	1	7ft TWISTED CLIMBER	Certified	123.91		245	2	2.00	0.60	1
23	ZZCH7169	1	7ft TOWER CLIMBER	Certified	107.92		252	2	2.00	0.06	1



Middle Gate Rear

Design Number: 50621-JJ-A - Compliance and Technical Data
Reference Document: ASTM F1487

Ref. No.	Part No.	Qty.	Description	Unit ASTM Status	Total Weight (lbs)	Pre-Consumer Recycled Content (lbs)	CO2e Footprint (kgs)	Users	Install Hours	Concrete (Yds3)	Active Play Events
24	ZZCH8289	1	RIBBON CLIMBER (36in DECK)	Certified	35.02		101	2	1.50	0.06	1
25	ZZCH8939	1	TRANSITION CLIMBER- CHALLENGER	Certified	55.14		214	2	2.50	0.00	1
26	ZZUN8727	3	PLAYCUBE- GROUND LEVEL	Certified	454.86		1,287	12	4.50	0.36	3
27	ZZUN8747	1	PLAYCUBES- ABOVE GROUND- 3 SIDED CONNECTION	Certified	99.58		375	3	1.50	0.00	1
28	ZZCH5770	1	LEG LIFT	Certified	6.76		30	1	0.50	0.00	1
29	ZZCH5850	1	90 DEGREE HORIZONTAL LOOP LADDER	Certified	67.90		198	2	1.00	0.00	1
30	ZZCH5970	1	OVERHEAD EVENT ACCESS LADDER (36in DECK)	Certified	25.12		71	1	1.50	0.06	0
31	ZZCH4467	1	GROUND TO GROUND BABBLE-ON	Certified	43.15		240	2	1.50	0.00	1
32	ZZCH9170	2	24in ACCESS STEPPED PLATFORM (DECK TO DECK)	Certified	270.48		592	2	4.00	0.00	0
Totals:					3,825.55	560	1,124	59	64.50	3.98	24
					1,721.50 Kg	252 Kg	506 Kg	10 Metric Tons		3.02 m3	



Middle Gate Rear

Design Number: 50621-JJ-A - Compliance and Technical Data
Reference Document: ASTM F1487

Ref.	No.	Part No.	Qty.	Description	Unit ASTM Status	Total Weight (lbs)	Pre- Consumer Recycled Content (lbs)	CO2e Footprint (kgs)	Users	Install Hours	Concrete (Yds3)	Active Play Events
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ASTM F1487

The lay-out for this custom playscape, design number 50621-JJ-A, has been configured to meet the requirements of the ASTM F1487 standard. In addition, each of the above components listed as "Certified" have been tested and are IPEMA certified. Components listed as "Not Applicable" do not fall within the scope of the ASTM F1487 standard and have not been tested. IPEMA certification can be verified on the IPEMA website, www.ipema.org. In the interest of playground safety, IPEMA provides a Third Party Certification Service which validates compliance.

2010 ADA Standards for Accessible Design

The lay-out was also designed to meet the 2010 Standards published 15-Sep-2010, by the Department of Justice when installed over a properly maintained surfacing material that is in compliance with ASTM F1951 "Accessibility of Surface Systems Under and Around Playground Equipment" as well as ASTM F1292, "Impact Attenuation of Surfacing Materials Within the Use Zone of Playground Equipment", appropriate for the fall height of the structure.

Installation Times

Installation times are based on one experienced installer. A crew of three experienced individuals can perform the installation within the given time, each member working 1/3 of the given hours. [Eg. Installation Time = 30 hours. For a crew of three, each member will work 10 hours on the installation for a total of 30 hours on the project.]

Carbon Footprint

The CO2e (carbon footprint given in Kilograms and Metric Tons) listed above is a measure of the environmental impact this play structure represents from harvesting raw materials to the time it leaves our shipping dock. Playworld Systems nurtures a total corporate culture that is focused on eliminating carbon producing processes and products, reducing our use of precious raw materials, reusing materials whenever possible and recycling materials at every opportunity. Playworld Systems elected to adopt the Publicly Available Specification; PAS 2050 as published by the British Standards Institute and sponsored by Defra and the Carbon Trust. The PAS 2050 has gained international acceptance as a specification that measures the greenhouse gas emissions in services and goods throughout their entire life cycle.

Pre-Consumer Recycle Content

A measurement, in pounds, that qualifies the amount of material that was captured as waste and diverted from landfill during an initial manufacturing process and is being redirected to a separate manufacturing process to become a different product. E.g. 100% of our Aluminum Tubing is made from captured waste material during the manufacturing process of extruded Aluminum products such as rods, flat bars and H-channels.

Post-Consumer Recycle Content

A measurement, in pounds, that qualifies the amount of material that was once another product that has completed its lifecycle and has been diverted from a landfill as a solid waste through recycling and is now being used in a Playworld Systems' product. E.g. **20% to 40% of the steel in our steel tubing and sheet steel have been diverted from landfills. Automobiles are scrapped and recyclable steel is purchased by the steel mill that produces our raw product.
** The amount of Post-Consumer recycled steel fluctuates daily based on the availability of the recycled steel.



**Project Adventure**

978.524.4500

www.pa.org

Reed Intermediate School
3 Trades Ln
Newtown, CT 06470
Sara Strait

2023 Low Element Installation Estimate
January 27, 2023

Challenge Course Elements and Related Estimated Expenses

This estimate is provided for planning and budgeting purposes only. Location for elements in trees or poles will need to be identified prior to contracting this work. Once budget for this project is determined, element selection and locations (pole/ tree / freestanding / indoor) can be finalized to allow for as many elements as possible.

Utility Poles

The below total includes 44K for supply and installation of utility poles and ground anchors. If sufficient trees are available that cost can be removed from this estimate.

Low Outdoor Elements

Qty	Element Name	Notes	Unit Price	Extended Price
1	Beam	using 6x6 beam	\$981.75	\$981.75
18	Guy wire		\$178.50	\$3,213.00
1	Multi-Swing	requires 2 35-foot utility poles and 2 ground anchors/guy wires	\$813.75	\$813.75
1	Spiders Web Quad	using 6x6 posts	\$2,430.75	\$2,430.75
1	Team Triangle	Includes triangle platform - sized to be used in conjunction with all aboard platforms - requires 3 20-foot utility pole sections and 6 ground anchors/guy wires	\$1,386.00	\$1,386.00
1	Universal Person Sender	requires 2 35-foot utility poles and 2 ground anchors/guy wires	\$1,323.00	\$1,323.00
1	Whale Watch -- 6' x 14'	includes locking system	\$2,410.50	\$2,410.50
1	Wild Woosey	as part of Mohawk Walk	\$708.75	\$708.75
1	Deluxe Mohawk Walk	5 cable sections: includes Multivine, Two-Line and Tension handline sections. Requires 4 20-foot utility pole sections, 3 15-foot utility pole sections and 8 ground anchors/guy wires	\$2,955.00	\$2,955.00
18	Guy Guards		\$20.00	\$360.00



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Portable Outdoor Elements

4	All Aboard		\$110.25	\$441.00
1	Prouty's Landing	outdoor style	\$131.25	\$131.25
Total				\$17,154.75

Challenge Course Acceptance Inspection

\$350.00

According to ACCT Standards, an Acceptance Inspection must be completed and documented following the installation of a new challenge course element or course or significant modifications of a pre-existing element.

Poles, Pole Setting and Ground Anchors

Poles required for this Scope of Work

- 9 Class III CCA Treated Utility Poles 6 35-foot, 3 45-foot

Pole Setting (includes the purchase of ground anchors)

- 18 Helix Style Ground Anchors required for this Scope of Work
- Coordination between the pole setter and Project Adventure; regardless if contracted by PA or the client. Pole setting and ground anchor installation must be supervised by Project Adventure, Inc. installer(s). Additional charges may apply should delays be incurred due to client supplied materials or labor.

Total \$44,750.00

Planning, Design and Administrative Services Expenses *

\$1,720.00

- * Circumstances such as requested design changes, requested drawings or schematics, engineering, required permits or unforeseen circumstances during installation may require additional Planning and Design efforts and additional costs. This amount may be adjusted on the final invoice. You will be required to approve any changes that will require additional costs.

Travel Expenses

\$3,667.00

- * Every effort will be made to keep expenses within this budget; however, circumstances may require additional travel expenses including, but not limited to delay on the part of the client to confirm dates in a timely manner. Travel expenses may be adjusted on the final invoice.



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***Total Cost \$68,481.75**

***Total cost includes all labor, materials and job related expenses**

Challenge Course Installation Summary of Work

Challenge Course Element Installation	\$17,154.75
Challenge Course Inspection	\$350.00
Labor - Travel and Prep	\$840.00
Poles, Pole Setting and Ground Anchors	\$44,750.00
Planning, Design and Administrative Expenses	\$1,720.00
Travel Expenses	\$3,667.00
Total Cost	\$68,481.75



Newtown Public Schools

Reed Intermediate School

Newtown Middle School

Prepared For: Judit DeStefano, Grants Specialist

Prepared By: Austin Paulson, Dir. Technical Training & Credentials, Ashley Lynch, Senior Manager of Operations

Date: 2/7/2023

Introduction

Project Adventure proposes the following in support of Newtown Public Schools: Reed Intermediate School and Newtown Middle School. These recommendations are made in alignment with the proposed challenge course element installations.

About Project Adventure

Project Adventure (PA) has been a leading organization in experiential learning since 1971. We provide adventure-based learning experiences and tools to promote growth in individuals, schools, healthy communities, and effective organizations. Our work includes evidence-based curriculum and professional development for educators; transformative facilitation of student groups; and supports for schools, youth detention centers, and behavioral health treatment centers. Through an experiential approach, we guide groups in developing mental health, wellness, and strong relationships.

Proposal Costs

All featured costs are estimates based on current pricing. Any modifications to the training service, including design, participant numbers or location may result in a change of cost for that service. Each training service will be contracted and invoiced individually before delivery date in coordination with Client Services.

Proposal Services Outline

Professional Development – *Custom Trainings to be delivered over three consecutive days at client site.*

PD Training Type	Model
New Element Orientation	<p>1-Full day new element orientation 1 PA trainer (up to 14 participants) Participants: Reed Intermediate and Middle School staff</p> <p>New element orientation focusing on the Standard Operating Procedures (SOPs), sequencing and variations</p>
Introduction to Foundational Concepts	<p>2-Full day custom training 1-PA trainer (up to 16 participants) Participants: Administrative staff and Newtown MS facilitators (Reed intermediate joins if budget/ratio allows)</p> <p>Participants, a leadership cohort, will be introduced to PA's cornerstones of Challenge by Choice, Full Value Commitment and Experiential Learning through the lens of Social Emotional Learning. The group will explore the implementation of these concepts across multiple sites in the district, as well as the extension of other PA curriculum. The cohort will engage in this introductory workshop to deepen the understanding of experiential learning and identify ways it can support the district's efforts in becoming a Full Value Social Emotional Learning Community.</p> <p>Specific training outcomes to be define by trainer and client during needs assessment/planning call.</p>
Proposed Cost	<p>\$7,230 <i>Includes facilitation, planning & design, trainer travel expenses, estimate for recommended manuals.</i></p>

This is not a contract. Costs are subject to change with any alterations to the project. Participant numbers, timeline, dates, location and final costs to be coordinated and contracted/invoiced separately.

Please contact Ashley Lynch, Senior Manager of Operations, with questions and requests: alynch@pa.org.



Project Adventure *Advancing Active Learning*

P 800.468.8898

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Massachusetts Campus: 719 Cabot Street, Beverly, MA 01915 • P 978.524.4500 • F 978.524.4501

A Non-Profit Organization. Project Adventure is an equal opportunity employer.

Challenge Course Inspection Report

Newtown Middle School

11 Queen Street
Newtown, CT 06470

Inspection Date: 7/27/2022

Inspected by: Ian Hunt

Site Contact(s)

Marc Michaud	203-426-7642	michaudm@newtown.k12.ct.us
Ron Chivinski	203-426-7642	chivinski@newtown.k12.ct.us

Course History

Previously inspected on: 8/18/2021

Previously inspected by: Austin Paulson, Ian Hunt

Built by Project Adventure, Inc. in the 1990's with additions in 2002. Inspected and serviced by PA throughout.

Course Equipment Comments

Equipment stored in closet in the gym and is well organized. Client has been very helpful in laying out gear on the gym floor prior to inspection. Pulling out portable element components would be helpful as well.

Element Grading Guide

- 1** A grade of 1 indicates an element which is in **very good condition**. It meets current Project Adventure course inspection standards.
- 2** A grade of 2 indicates an element which is in **satisfactory condition** and can be safely used. Comments should be read closely as they may include suggested upgrades and modifications, or recommended minor repairs.
- 3** A grade of 3 indicates an element which is in **unsatisfactory condition** and **should not be used** until recommended modifications or repairs are completed.
- 4** A grade of 4 indicates an element which is in **poor condition** and **should not be used**. Major repairs, rebuilding or relocation of the element is required.
- NI** This grade indicates that the element was **not inspected**.

Gymnasium

Area Type: Indoor

Installation Company:
Project Adventure, Inc.

Original Installation Date:
Unknown

Cargo Net

Inspection Grade: 2 - satisfactory condition; safe to use

Centipede

Inspection Grade: 2 - satisfactory condition; safe to use

Climbing Wall

Inspection Grade: 2 - satisfactory condition; safe to use

Comments: The rapid link associated with the belay gear was found to have moderate wear. This inspector and the client opted to replace with client's rapid link in inventory during this inspection.

Fire Cracker Ladder

Inspection Grade: 2 - satisfactory condition; safe to use

Comments: Showing signs of normal use and wear.

Multiswing

Inspection Grade: 2 - satisfactory condition; safe to use

Comments: Showing signs of normal use and wear. There is a moderate amount of grease being expelled from the bearing in the swivel system. Though this is not an immediate concern, it should be monitored. Plan to replace in the near future.

Swinging Tires

Inspection Grade: 2 - satisfactory condition; safe to use

Comments: Showing signs of normal use and wear.

High Pole Course

Area Type: Pole

Installation Company:
Project Adventure, Inc.

Original Installation Date:
Unknown

Area Comments: Showing signs of normal use and wear. Some rapid links showing surface rust and many cables are showing minor discoloration. A few of the guy anchor heads were found to have backed off and were tightened during this inspection. It is recommended to monitor these as part of the periodic inspection by the challenge course staff. The course is aging and due for a sub-surface inspection of the poles in the near future.

2-Line Bridge (Pirate's Crossing)

Inspection Grade: 2 - satisfactory condition; safe to use

Comments: Showing signs of normal use and wear. Belay cable showing minor discoloration. Belay back-up shared with Catwalk has minor to moderate rust on one cable eye.

Burma Bridge

Inspection Grade: 2 - satisfactory condition; safe to use

Comments: Braces are becoming weathered. Belay cable is terminated with stand vises. Plan to replace these devices in the near future.

Catwalk

Inspection Grade: 2 - satisfactory condition; safe to use

Comments: Belay cable showing minor discoloration. Belay back-up shared with Vertical Play Pen has minor to moderate rust in spots.

Centipede

Inspection Grade: 2 - satisfactory condition; safe to use

Comments: The parallel back-up cable is terminated at both ends with strand vises. Plan to replace these devices in the near future.

Dangle Duo

Inspection Grade: 2 - satisfactory condition; safe to use

Comments: Showing signs of normal use and wear. The belay cable has minor discoloration throughout, and has a small patch of rust on the start end eye. Monitor. Rust developing on element rapid links. Plan to replace in near future. 4x4s are becoming weathered. The second rung from the bottom has checking throughout its top surface, monitor. The middle cable clamp on the finish end has moderate rust on its u-bolt. Monitor.

Flying Squirrel

Inspection Grade: 2 - satisfactory condition; safe to use

Comments: Showing signs of normal use and wear. The parallel back-up cable is terminated at both ends with strand vises. Plan to replace these devices in the near future.

Pamper Plank with adjustable target

Inspection Grade: 2 - satisfactory condition; safe to use

Comments: Showing signs of normal use and wear. Rust developing on element rapid links, continue to monitor. Pole common to Dangle Duo was found to be swarming with small ants. They appeared to remain on the surface. No holes or sawdust were observed. Monitor.

Vertical Playpen

Inspection Grade: 2 - satisfactory condition; safe to use

Comments: Showing signs of normal use and wear. Belay back-up shared with Catwalk has minor to moderate rust at cable eyes. Minor discoloration on belay and element cables. Cable clamps for the upper most section and the associated 10mm back link have significant rust. Monitor and plan to replace at next inspection.

Low Pole Course

Area Type: Pole

Installation Company:
Project Adventure, Inc.

Original Installation Date:
Unknown

Mohawk Walk/Tension Traverse/Wild Woosey (Mohawk Walk)

Inspection Grade: 2 - satisfactory condition; safe to use

Comments: Cables of this element are disconnected on one end when not in use, and are now looped up around the pole/guy cables at the other end, and pad locked. Though, this is better than the previous method (wrapped around the base of the pole at the ground) the excessive wear and kinking to the cables over time remains. Plan to replace during the next inspection. A new connection method can be discussed at that time.

Multiswing -- Under Catwalk

Inspection Grade: 2 - satisfactory condition; safe to use

Comments: Showing signs of normal use and wear.

Wall with platform

Inspection Grade: 2 - satisfactory condition; safe to use

Comments: Showing signs of normal use and wear.

Whale Watch

Inspection Grade: 2 - satisfactory condition; safe to use

Comments: Showing signs of expected wear with normal use. Recommend periodic cleaning and application of preservative treatment.

Equipment Grading Guide

- 1 A grade of 1 indicates equipment which is in **very good condition**. It meets current Project Adventure course inspection standards.
 - 2 A grade of 2 indicates equipment which is in **satisfactory condition** and can be safely used. Comments should be read closely as some minor repairs or maintenance may be recommended.
 - 3 A grade of 3 indicates equipment which is in **unsatisfactory condition** and **should not be used** until recommended modifications or repairs are completed.
 - 4 A grade of 4 indicates equipment which is in **poor condition** and **should not be used**. This equipment should be retired.
- NI** This grade indicates that the equipment was **not inspected**.

Belay Devices

ARC Belay Device

Manufacturer: ABC

Quantity: 6

Inspection Grade: 2 - satisfactory condition

ARC Belay Device

Manufacturer: Cypher

Quantity: 8

Inspection Grade: 2 - satisfactory condition

Bigger-Brake Sticht Plate

Manufacturer: Hugh Banner

Quantity: 4

Inspection Grade: 2 - satisfactory condition

Figure 8

Manufacturer: Clog

Quantity: 3

Color: Silver

Inspection Grade: 2 - satisfactory condition

GriGri**Manufacturer:** Petzl**Quantity:** 1**Inspection Grade:** 2 - satisfactory condition**Sheriff Belay Device****Manufacturer:** Hugh Banner**Quantity:** 2**Inspection Grade:** 2 - satisfactory condition**Belay Ropes**

1/2" KM III Static Rope**Manufacturer:** New England Ropes**Quantity:** 1 **Color:** black/yellow**Inspection Grade:** 2 - satisfactory condition**11mm APEX dynamic****Manufacturer:** New England Ropes**Quantity:** 7 **Color:** Eggplant
(red/wine/yellow)**Inspection Grade:** 2 - satisfactory condition**Comments:** These ropes are all of varying ages. Ropes have typically been retired early and meticulous records have been kept of all equipment. 2 = 2019, 2 = 2021, 3 = 2022**Carabiners**

Captive Eye Aluminum Screw Gate**Manufacturer:** ISC**Quantity:** 3**Inspection Grade:** 1 - very good condition**HMS Aluminum Screw Lock Carabiner****Manufacturer:** ISC**Quantity:** 6**Inspection Grade:** 1 - very good condition

Jake Screw-Lok HMS Aluminum Carabiner
Quantity: 22
Inspection Grade: 2 - satisfactory condition

Manufacturer: Omega

Screw-Lock D Aluminum Carabiner
Quantity: 3
Inspection Grade: 2 - satisfactory condition
Comments: The rating and certification stamps are wearing and difficult to see.

Manufacturer: Kong

Screw-Lock HMS Aluminum Carabiner
Quantity: 9
Inspection Grade: 2 - satisfactory condition

Manufacturer: Hugh Banner

Steel Screwgate Oval Carabiner
Quantity: 4
Inspection Grade: 2 - satisfactory condition

Manufacturer: Austri Alpin

Steel Screw-Lock D-Shaped Carabiner
Quantity: 4
Inspection Grade: 2 - satisfactory condition

Manufacturer: Omega

Harnesses

Corax 1
Quantity: 1 **Color:** yellow/green
Inspection Grade: 2 - satisfactory condition

Manufacturer: Petzl

Universal Chest Harness

Manufacturer: Headwall

Quantity: 4

Inspection Grade: 2 - satisfactory condition

Universal Chest Harness

Manufacturer: Headwall

Quantity: 2

Inspection Grade: 1 - very good condition

Universal Chest Harness

Manufacturer: Headwall

Quantity: 1

Inspection Grade: NI - not inspected

Comments: This harness was not present and has presumable been retired.

Universal Chest Harness

Manufacturer: Headwall

Quantity: 4

Inspection Grade: 2 - satisfactory condition

Universal Extra Large Harness

Manufacturer: Headwall

Quantity: 1

Inspection Grade: 2 - satisfactory condition

Universal Extra Large Harness

Manufacturer: Headwall

Quantity: 1

Inspection Grade: 1 - very good condition

Universal Extra Small Harness

Manufacturer: Headwall

Quantity: 2

Inspection Grade: 2 - satisfactory condition

Universal Extra Small Harness

Manufacturer: Headwall

Quantity: 7

Inspection Grade: 2 - satisfactory condition

Universal Extra Small Harness

Manufacturer: Headwall

Quantity: 3

Inspection Grade: NI - not inspected

Comments: These harnesses were not present and reportedly retired from service.

Universal Extra Small Harness

Manufacturer: Headwall

Quantity: 2

Inspection Grade: 2 - satisfactory condition

Universal Extra Small Harness

Manufacturer: Headwall

Quantity: 6

Inspection Grade: 1 - very good condition

Universal Extra Small Harness

Manufacturer: Headwall

Quantity: 2

Inspection Grade: 1 - very good condition

Universal Harness

Quantity: 7

Inspection Grade: 2 - satisfactory condition

Manufacturer: Headwall

Universal Harness

Quantity: 2

Inspection Grade: 2 - satisfactory condition

Manufacturer: Headwall

Universal Harness

Quantity: 10

Inspection Grade: 2 - satisfactory condition

Manufacturer: Headwall

Universal Harness

Quantity: 8

Inspection Grade: 1 - very good condition

Manufacturer: Headwall

Universal Harness

Quantity: 14

Inspection Grade: 2 - satisfactory condition

Manufacturer: Headwall

Helmets

Boreo

Quantity: 2

Color: White

Inspection Grade: 2 - satisfactory condition

Manufacturer: Petzl

Length: S/M

Boreo

Quantity: 6

Color: Green

Inspection Grade: 2 - satisfactory condition

Manufacturer: Petzl

Length: M/L

Boreo

Quantity: 2

Color: White

Inspection Grade: 2 - satisfactory condition

Manufacturer: Petzl

Length: S/M

Elios Helmet (size 1, Junior)

Quantity: 2

Color: white

Inspection Grade: 2 - satisfactory condition

Manufacturer: Petzl

Elios Helmet (size 2, Adult)

Quantity: 4

Color: red

Inspection Grade: 2 - satisfactory condition

Manufacturer: Petzl

Elios Helmet (size 2, Adult)

Quantity: 1

Color: white

Inspection Grade: 2 - satisfactory condition

Manufacturer: Petzl

Elios Helmet (size 2, Adult)

Manufacturer: Petzl

Quantity: 2

Color: lime

Inspection Grade: 2 - satisfactory condition

Elios Helmet (size 2, Adult)

Manufacturer: Petzl

Quantity: 1

Color: orange

Inspection Grade: 2 - satisfactory condition

Elios Helmet (size 2, Adult)

Manufacturer: Petzl

Quantity: 2

Color: Lime

Inspection Grade: 2 - satisfactory condition

Elios Helmet (size 2, Adult)

Manufacturer: Petzl

Quantity: 2

Color: Red

Inspection Grade: NI - not inspected

Comments: These helmets were not present and were reported to have been retired from service.

Miscellaneous

10mm rapid link

Manufacturer: Maillon Rapide

Quantity: 1

Inspection Grade: 2 - satisfactory condition

12mm rapid link

Manufacturer: Maillon Rapide

Quantity: 12

Inspection Grade: 2 - satisfactory condition

14mm rapid link
Quantity: 6
Inspection Grade: 2 - satisfactory condition

Manufacturer: Maillon Rapide

16mm rapid link
Quantity: 3
Inspection Grade: 2 - satisfactory condition

Manufacturer: Maillon Rapide

4 Way Tug 'O War
Quantity: 1
Inspection Grade: 2 - satisfactory condition

Manufacturer: Other

Hickory Jump Platform
Quantity: 1
Inspection Grade: 2 - satisfactory condition

Manufacturer: Other

SAFER Lanyard - with 2 snaps
Quantity: 1
Inspection Grade: 1 - very good condition

Manufacturer: Yates

Swing Shot Lanyard (KMill rope)
Quantity: 1
Inspection Grade: 2 - satisfactory condition

Manufacturer: Other

Comments: This tether is used as a belay anchor for the Pamper Plank. Be sure to thoroughly inspect this equipment before each use. Recommend upgrading to a swaged cable anchor when this rope retires in 2 years.

Portable Elements

Portable Whale Watch

Manufacturer: Other

Quantity: 1

Inspection Grade: 2 - satisfactory condition

Prouty's Landing Platform

Manufacturer: Other

Quantity: 9

Inspection Grade: 2 - satisfactory condition

Trolley Links

Manufacturer: Other

Quantity: 12

Inspection Grade: 2 - satisfactory condition

Comments: One is missing a couple handlines and the lumber has begun to split on two others.

Walk on the Wildside Kit (wooden)

Manufacturer: Project Adventure

Quantity: 1

Inspection Grade: 2 - satisfactory condition

Rescue Kit

Rescue Kit

Manufacturer: Project Adventure

Quantity: 3 **Color:** 2 orange/ 1 yellow

Inspection Grade: 2 - satisfactory condition

Project Adventure Contact Information

If you have questions about the information in this report, please contact:

Project Adventure, Inc.
719 Cabot Street
Beverly, MA 01915
(978) 524-4500

Disclaimer

This inspection of your challenge course and equipment is intended to be used in conjunction with the course manager's on-going monitoring of the condition of the course. Weather, unauthorized use, changing tree conditions, and vandalism are some of the things which can affect the safety of your course between course inspections. Project Adventure, Inc. can accept no responsibility for changes in the elements or for repairs or other modifications made by persons other than Project Adventure employees. Further, we can assume no responsibility for injuries to participants using the elements. It is the responsibility of each program site to insure that elements are properly used under the direct supervision of properly trained staff. Program sites are also responsible for being fully insured.

This inspection report is limited to the apparent condition of the equipment and elements only. Verification that all equipment and each element are being properly used is beyond the scope of this course inspection. Project Adventure, Inc. has a program accreditation service available which is designed to assess program design and staff competencies, and to help ensure that your program is being operated in compliance with current recommended standards of safety.

**Project Adventure**

978.524.4500

www.pa.org

Newtown Middle School

11 Queen Street

Newtown, CT 06470

Marc Michaud

203-426-7642

Michaudm@newtown.k12.ct.us

2023 New Element Installation and Repairs

February 3, 2023

Challenge Course Elements and Related Estimated Expenses

Challenge Course Repairs *

Element	Description of Repair
Whale Watch	Remove existing decking and install new Install new locking system
Mohawk Walk / Triangle Tension Traverse / Wild Woosey	Remove existing element hardware from poles, poles to remain in place Install new elements in trees. Location t.b.d at the time of installation and assumes that suitable trees are available *see below
Burma Bridge	Replace braces and associated handlines Replace belay cable and associated hardware as needed
Centipede	Replace parallel back up cable and associated hardware as needed
Flying Squirrel	Replace parallel back up cable and associated hardware as needed
Vertical Playpen	Replace belay back up shared with Catwalk Replace rusted cable clamps and 10mm back up rapid link associated with upper most section

Total \$4,761.25**Low Outdoor Elements**

Qty	Element Name	Notes	Unit Price	Extended Price
1	Triangular Tension Traverse		\$1,102.50	\$1,102.50
1	Wild Woosey		\$708.75	\$708.75
1	Deluxe Mohawk Walk	5 cable sections: includes Multivine, Two-Line and Tension handline sections	\$2,955.00	\$2,955.00
1	Whale Watch -- Four-Way	a.k.a. Moby Deck; includes locking system	\$3,300.00	\$3,300.00
			Total	\$8,066.25

719 Cabot Street, Beverly, MA 01915 | P 978.524.4500 | F 978.524.4501*A Non-Profit Organization. Project Adventure is an equal opportunity employer.*



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978.524.4500

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Planning, Design and Administrative Services Expenses *

\$810.00

- * Circumstances such as requested design changes, requested drawings or schematics, engineering, required permits or unforeseen circumstances during installation may require additional Planning and Design efforts and additional costs. This amount may be adjusted on the final invoice. You will be required to approve any changes that will require additional costs.

Travel Expenses

\$3,363.25

- * Every effort will be made to keep expenses within this budget; however, circumstances may require additional travel expenses including, but not limited to delay on the part of the client to confirm dates in a timely manner. Travel expenses may be adjusted on the final invoice.

***Total Cost \$17,840.75**

***Total cost includes all labor, materials and job related expenses**

Challenge Course Installation Summary of Work

Challenge Course Repairs	\$4,761.25
Challenge Course Element Installation	\$8,066.25
Labor - Travel and Prep	\$840.00
Planning, Design and Administrative Expenses	\$810.00
Travel Expenses	\$3,363.25

Total Cost	\$17,840.75
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Tim Whelan
270-4300
Fleet Facility Manager
(203) 426-9968

TEL: (203)

FAX



TOWN OF NEWTOWN
PUBLIC WORKS DEPARTMENT
4 Turkey Hill Road, Newtown, CT 06470

To: Dan and Bob

From: Tim

Re: Senior Center/Community Center shared bus

Date: 2/2/2022

I was recently contacted by Matthews Buses the vendor we ordered the shared Senior Center/Community Center bus from. He indicated that Ford Motor Company cancelled our order due to supply chain issues. The representative also stated the original price that was quoted would not be honored on any future Ford Motor Company orders due to supply chain and material cost increases, there is no projected date when a bus would be available.

Matthews Busses also holds the State bid contract for Chevrolet buses; however this quote is for \$108,245 which is higher than the original quote of \$80,000. The Legislative Council approved \$90,000 of ARP funding at its 6/1/2022 meeting. The Chevrolet bus will be available and we could have it in service by August/Sept of 2023 barring any supply chain issues.

We would like to request an additional \$20,000 of ARP funding to secure the bus.

To: Members of the ARP Working Group

From: Borough of Newtown Board of Burgesses

Re: ARP Funding Request for Sidewalk Construction and Related Safety Improvements

Date: January 11, 2023

The Borough of Newtown Board of Burgesses is requesting to enter a funding partnership with the Town of Newtown to construct new sidewalks in the Borough. The total project cost is \$338,000. The Borough requests the Town of Newtown allocate \$200,000 of ARP money toward this project. The Borough would allocate the remaining \$138,000 from its ARP account.

Project #1 involves construction of approximately 4,500 linear feet of sidewalk along the north side of Sugar Street (Route 302) from The Pleasance to Madison Drive. Completion of this project would extend the downtown sidewalk network to more than five dozen homes on both the north and south sides of Sugar Street. Residents of these neighborhoods petitioned the Borough for construction of this sidewalk in 2016. As a result, the Board of Burgesses appointed a Sidewalk Subcommittee which reviewed approximately 18 sidewalk proposals in the Borough and deemed this project the #1 priority because of the number of residents it would serve and the opportunity to significantly extend the downtown sidewalk network. This project has an estimated cost of \$194,000. Engineered drawings have been prepared and filed with the Connecticut Department of Transportation.

Project #2 involves construction of 977 linear feet of sidewalk along the east side of Queen Street roughly between Caraluzzi's and Church Hill Road. That stretch of sidewalk was never completed when the downtown sidewalk network was built. It is heavily used by pedestrians, particularly in the afternoon when students are dismissed from Newtown Middle School. This project has an estimated cost of \$144,000, including \$40,097 for traffic and safety items related to crossing Church Hill Road on the east side of the intersection. Engineered drawings have been prepared.

The Borough of Newtown received \$359,320 in ARP funding. To date, \$175,953 has been disbursed to the following recipients:

Newtown Hook and Ladder: \$15,977

C.H. Booth Library: \$5,650

Trinity Day School: \$2,353

Edmond Town Hall: \$47,850

Newtown Village Cemetery Association: \$25,000

Heritage Preservation Trust (Newtown Meeting House): \$25,000

Engineering for Queen Street sidewalk: \$45,000

Welcome to the Borough signs: \$9,123

ARP funds remaining: \$183,367

NEWTOWN, CONNECTICUT
PROJECT NO. 70739.00

PRELIMINARY DESIGN CONSTRUCTION COST ESTIMATE

December 13, 2022, REV JAN 2023

CALC'D BY: JHL
CHK'D BY: RGS

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANT.	UNIT PRICE	COST
HIGHWAY ITEMS					
0202000	EARTH EXCAVATION	C.Y.	27	\$22.34	\$603
0202501	CUT CONCRETE PAVEMENT	L.F.	16	\$5.89	\$94
0202513	REMOVAL OF CONCRETE SIDEWALK	S.Y.	36	\$49.39	\$1,778
0202529	CUT BITUMINOUS CONCRETE	L.F.	621	\$3.09	\$1,919
0207000	BORROW	C.Y.	0	\$21.36	\$0
0212000	SUBBASE	C.Y.	0	\$51.68	\$0
0219001	SEDIMENTATION CONTROL SYSTEM	L.F.	212	\$7.22	\$1,531
0219050	CATCH BASIN SEDIMENT FILTER	EA.	1	\$185.76	\$186
0201501	RESET MAILBOX	EA.	0	\$540.00	\$0
0406170	HMA S1	TON	23	\$150.95	\$3,472
0406171	HMA S0.5	TON	23	\$122.47	\$2,817
0811001	CONCRETE CURBING	LF	225	\$41.09	\$9,245
0815091	REMOVAL OF BITUMINOUS CONCRETE LIP CURBING	L.F.	173	\$6.00	\$1,038
0921001	CONCRETE SIDEWALK	S.F.	977	\$13.48	\$13,170
0921005	CONCRETE SIDEWALK RAMP	S.F.	397	\$27.78	\$11,029
0921048	DETECTABLE WARNING STRIP	EA.	10	\$419.44	\$4,194
0922501	BITUMINOUS CONCRETE DRIVEWAY	S.Y.	0	\$66.86	\$0
0950005	TURF ESTABLISHMENT	S.Y.	36	\$2.09	\$75
0952049	SELECTIVE CLEARING AND THINNING	S.Y.	12	\$6.46	\$78
1209131	HOT-APPLIED PAINTED LEGEND, ARROWS AND MARKINGS	S.F.	523	\$1.24	\$649
1206036	RELOCATE SIGN	EA.	2	\$523.77	\$1,048
HIGHWAY SUBTOTAL:					\$52,925
TRAFFIC ITEMS					
1002203	TRAFFIC CONTROL FOUNDATION-PEDESTAL-TYPE I	EA.	3	\$728.40	\$2,185
1008465	2" RIGID METAL CONDUIT	L.F.	75	\$56.15	\$4,211
1010021	CONCRETE HANDHOLE - TYPE II	EA.	2	\$600.15	\$1,200
1010054	CAST IRON HANDHOLE COVER, TYPE II	EA.	1	\$485.30	\$485
1101201	MODIFICATION OF TRAFFIC CONTROL FOUNDATION	EA.	1	\$5,000.00	\$5,000
1102002	8" ALUMINUM PEDESTAL	EA.	3	\$696.14	\$2,088
1106001	1 WAY PEDESTRIAN SIGNAL POLE MOUNTED	EA.	1	\$712.42	\$712
1106002	2 WAY PEDESTRIAN SIGNAL POLE MOUNTED	EA.	1	\$10,000.00	\$10,000
1106003	1 WAY PEDESTRIAN SIGNAL PEDESTAL MOUNTED	EA.	3	\$682.10	\$2,046
1107011	ACCESSIBLE PEDESTRIAN SIGNAL AND DETECTOR(TYPE A)	EA.	6	\$1,057.21	\$6,343
1113103	7 CONDUCTOR NO. 14 CABLE	L.F.	300	\$2.75	\$825
1118010	REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT	LS	1	\$5,000.00	\$5,000
TRAFFIC SUBTOTAL:					\$40,097
PERCENTAGES					
	MINOR ITEMS @ 15% of Highway, Traffic			MINOR ITEMS:	\$14,000.00
0201001	Clearing and Grubbing (1%)	LS	1	\$1,000.00	\$1,070
0971001	A Maintenance and Protection of Traffic (2%)	LS	1	\$1,000.00	\$2,140
0975004	Mobilization and Project Closeout (3.5%)	LS	1	\$2,000.00	\$3,746
0980001	A Construction Staking (1.0%)	LS	1	\$1,000.00	\$1,070
LUMP SUM ITEMS:					\$8,027
SUBTOTAL (STRUCTURES + HIGHWAY + LANDSCAPING+ MINOR ITEMS + LUMP SUM ITEMS):					\$115,049
	INCIDENTALS @ 5%				\$6,000
	CONTINGENCIES @ 15%				\$17,000
SUBTOTAL:					\$138,049
	ESCALATION (1 Years @ 4%)				\$5,521.94
TOTAL:					\$144,000

Borough of Newtown - Pedestrian Improvements - Sugar Street

Project No.: 70681

Newtown, CT

Date: January 2023

By: JHL

Final Design Review

Construction Cost Estimate

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANT.	UNIT PRICE	COST
HIGHWAY ITEMS					
0202000	EARTH EXCAVATION	C.Y.	45	\$5.89	\$265
0202501	CUT CONCRETE PAVEMENT	L.F.	10	\$54.80	\$548
0202513	REMOVAL OF CONCRETE SIDEWALK	S.Y.	14	\$49.39	\$691
0202529	CUT BITUMINOUS CONCRETE	L.F.	286	\$3.09	\$884
0207000	BORROW	C.Y.	89	\$21.63	\$1,925
0212000	Subbase	C.Y.	2	\$51.68	\$103
0219001	SEDIMENTATION CONTROL SYSTEM	L.F.	2582	\$7.22	\$18,642
0219050	CATCH BASIN SEDIMENT FILTER	EA.	3	\$185.76	\$557
0406170	HMA S1	TON	2	\$159.95	\$320
0406171	HMA S0.5	TON	2	\$122.47	\$245
0815091	REMOVAL OF BITUMINOUS CONCRETE LIP CURBING	L.F.	14	\$6.00	\$84
0921001	CONCRETE SIDEWALK	S.F.	6680	\$13.48	\$90,048
0921005	CONCRETE SIDEWALK RAMP	S.F.	206	\$27.78	\$5,723
0921048	DETECTABLE WARNING STRIP	EA.	3	\$419.44	\$1,258
0922501	BITUMINOUS CONCRETE DRIVEWAY	S.Y.	33	\$66.86	\$2,206
0950005	TURF ESTABLISHMENT	S.Y.	1148	\$2.05	\$2,353
0952049	SELECTIVE CLEARING AND THINNING	S.Y.	12	\$6.46	\$78
1209131	HOT-APPLIED PAINTED LEGEND, ARROWS AND MARKINGS	S.F.	168	\$1.24	\$208
1206036	RELOCATE SIGN	EA.	3	\$523.77	\$1,571
	HIGHWAY SUBTOTAL:				\$127,709
PERCENTAGES					
	MINOR ITEMS @ 15% of Highway			MINOR ITEMS:	\$19,000.00
0201001	Clearing and Grubbing (1%)	LS	1	\$1,000.00	\$1,000
0971001	A Maintenance and Protection of Traffic (2%)	LS	1	\$3,000.00	\$3,000
0975004	Mobilization and Project Closeout (3.5%)	LS	1	\$4,000.00	\$4,000
0980001	A Construction Staking (1.0%)	LS	1	\$1,000.00	\$1,000
				LUMP SUM ITEMS:	\$9,000
	SUBTOTAL (STRUCTURES + HIGHWAY + LANDSCAPING + MINOR ITEMS + LUMP SUM ITEMS):				\$155,709
	INCIDENTALS @ 5%				\$8,000
	CONTINGENCIES @ 15%				\$23,000
				SUBTOTAL:	\$186,709
	ESCALATION (1 Years @ 4%)				\$7,468.37
	TOTAL:				\$194,000

The purpose of this memo is to request the consideration of funding to replace the department's current duty firearm with a more modern and versatile weapon. The department currently uses the Glock model 21 Gen 4 (fourth generation), a 45 caliber pistol, for its duty weapons. During the annual inspection of the firearms in December of 2022, it was discovered that the guns are due for either rebuilding with the replacement of worn parts or replacement of the firearms. The cost to rebuild the weapons and replace the magazines would be approximately \$200 per gun for parts for a total of approximately \$11,000. The manufacture date of the Gen 4 Glock is between 2010 and 2016. Glock is currently producing Gen 5 (fifth generation) models. Given the replacement part cost and considering the age of the weapons, pricing was obtained for new weapons. Based on the pricing and trade-in value of the current firearms, the department is looking to transition to a Glock Gen 5, model 45, 9mm handgun, with a Red Dot Optic.

The considerations for this transition include significant improvements to the Glock Gen 5 over the Gen 4, the addition of modern optics for the weapons, and the ballistics improvements of 9mm ammunition. The Gen 5 Glock's new model variations are an improvement over previous generations by making the guns ambidextrous; previous versions required armorers to make changes for left-handed shooters. Glock also removed the finger grips with adjustable back straps allowing for more versatility and comfort for shooters with different hand sizes. Both of these features are improvements that have caused equipment and training issues for officers at the police department.

In 2014 the FBI completed an extensive study and found that, for many reasons, the 9mm round was the recommended round for law enforcement. The study found no discernable difference in the terminal performance of the 9mm vs. other calibers. The 9mm cartridge has less felt recoil, allowing for faster and more accurate shot strings than the .40 or .45. Additionally, 9mm ammunition is about 25 to 30% less expensive and more available than .45 caliber ammunition. The annual cost for .45 ammunition is approx. \$12,000 a year, and there is a 12 to 18-month delay in receiving this ammunition. The projected cost of 9 mm ammunition is \$9,000, and the ammunition is available.

The department currently uses red dot optics on patrol rifles. The officer's accuracy, speed, and confidence greatly increased with the red dot vs. the traditional sighting system. Red Dot Optics on duty pistols are now the industry standard as it allows the officer to keep both open eyes making for faster and more accurate target detection, improved target detection under stress, improved situational awareness, more accuracy with moving targets, faster follow up shots, and greater accuracy for aging officers or those with vision issues. The red dot optic is not compatible with our current duty pistol.

The 9mm GLOCK Gen 5 model 45 (MOS) with an attached Red dot sight offers the best combination of caliber and sighting system for a duty weapon in law enforcement today. Currently, this model firearm with the optic is \$904.96 each. The sellers are offering a \$310.00 trade-in value for our current firearms, dropping the cost to \$594.96 per gun.

- The total purchase price for fifty-five firearms with optics is \$32,800.
- New holsters and magazine pouches would be needed at an estimated cost of \$10,800.
- The purchase of ammunition is estimated to cost \$15,000.00 (ammunition rates fluctuate based on market availability, and this estimate is on the high side). This would include ammunition for transitional training and new duty ammunition.
- The total estimated cost for the firearms, equipment, and ammunition is estimated to cost \$58,600.00.

Prepared by Bryan Bishop