

Memorandum
UltiPlay
P.O. Box 374
Uxbridge, Massachusetts 01569

Date: July 23, 2020

To: Mr. Rob Albert
Regional School District 17
57 Little City Road
Higganum, CT 06441

Re: Equipment Audit
Burr District Elementary School – Preschool Playground
Higganum, CT

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Dear Mr. Albert:

We are pleased to enclose the results of our site review of the existing playscape now found at the Burr District Elementary School – Preschool Playground. All findings are based on the condition of the components at the time of the visit only. The report and findings follow and include relevant photographs on disc for your use and review.

Please review the information thoroughly and contact me if you have any questions or require additional information. Also let me know if I can be of further assistance. In the meantime, if there are any future concerns or maintenance requirements we would be more than happy to assist. Thank you.

Jon Jalbert, CPSI
Mike Parody, CPSI

UltiPlay

**Playground Review Report
For
Burr District Elementary School
Higganum, CT
July 23, 2020**

**43 Main Street
Blackstone, MA 01504**

Site Review

Site Review Performed by: Jon Jalbert/Michael Parody

Park/Playground Name: Burr District Elementary School – Preschool Playground

Playground Location: Killingworth, CT

Owner/Operator: Regional School District 17

Date of Inspection: July 20, 2020

Equipment/Item	Observations/Condition	Priority	Recommendations
General	<ol style="list-style-type: none"> General – based on elevations for transfer point, decks, components, overall structure elevation set approximately 8”-10” higher than intended. Hardware observed as rusted throughout and paint chipping observed. Post plugs on composite structure missing at numerous locations. Some components of structure uneven, possibly due to heaving. General – Little Tikes residential equipment throughout and rock wall climber designed for residential use. General – Composite structure manufacturer no longer in operation and will be difficult to obtain replacement parts. 	<ol style="list-style-type: none"> 2 3 3 3 	<ol style="list-style-type: none"> Option of resetting structure or building up surfacing as needed. Paint and touch up as needed. Install plugs where necessary. Possibly reset structure. Residential recommended to be removed.
General	<ol style="list-style-type: none"> Surfacing material (engineered wood fiber) and resilient rubber tiles observed as in marginal condition, grass/plants observed as growing, especially along perimeter, depleted by approximately 3” to 6” on average. Manufacturer of engineered wood fiber and tiles unknown. Tiles insufficient in meeting minimum recommended use zones. 	<ol style="list-style-type: none"> 1 	<ol style="list-style-type: none"> Upgrade/replace as needed to provide sufficient depth of material. Expand tiles to meet minimum recommended use zones.
1. Single-Post Swing Unit	<ol style="list-style-type: none"> 3-Bay Single-Post Swing Frame: Lateral use zone of 6’ minimum each side not met. Use zone for front of Tot Swing seat not met. Swings: Chains sections interconnected with S-hooks, excess dangling chain observed, S-hooks gapped, hardware rusted, Tot Swing seat 17-1/2” off surfacing when 24” recommended. 	<ol style="list-style-type: none"> 1 2 	<ol style="list-style-type: none"> Expand use zone. Replace swing chains, hardware and adjust accordingly.
2. Composite Structure (Iron Mountain Forge)	<ol style="list-style-type: none"> Decks: No concerns identified. Transfer Station: Transfer point is 24” above tile surface when point should be between 11” and 18”. Entrapment space created between top of step and underside of adjacent deck. Pipe Walls: No concerns identified. Steering Wheel Panel: No concerns identified. Crawl Tunnel: No concerns identified. Clatter Bridge: Full protective barriers each side of bridge recommended. Roofs (3): No concerns identified. Tic-Tac-Toe Panel: No concerns identified. Mirror Panel: No concerns identified. 	<ol style="list-style-type: none"> 1 2 	<ol style="list-style-type: none"> No action needed. Install infill or reset as needed to meet transfer height recommendations. No action needed. No action needed. No action needed. Replace with full barriers. No action needed. No action needed. No action needed.

	10. Double Slide: Lateral and exit use zones not met, exit 20" above surfacing when maximum 0" to 10" recommended. 11. Step Arch Climber: Opening greater than 15" maximum opening and entanglement concern at base of barrier. 12. 90-Degree Slide: Entrance not level with deck, exit 23" off surfacing when maximum 10" recommended. 13. Angled Stairs: Footing loose.	1 1 2	10. Expand use zones and adjust slide exit height or add surfacing. 11. Replace barrier. 12. Adjust slide and install to eliminate step and exit elevation concern. 13. Resecure concrete footings.
3. Sandbox	1. Interior area overgrown, sand contaminated, no cover present, sand needed.	3	1. Replace sand and provide cover.
4. Bench	1. Bench out of level and not plumb.	3	1. Reset bench.
5. Spring Toy	1. Truck Spring Toy set without resilient safety surfacing, minimum use zones not met.	1	1. Install sufficient resilient safety surfacing with minimum recommended use zones met.
7. School Bus	1. School Bus missing two (2) steering wheels, not permanently anchored and minimum recommended use zones not met.	1	1. Anchor unit in compliance with minimum recommended use zones and replace missing steering wheels.
8. Overhead Ladder	1. Unit located 4'-11" from bituminous surface, infringing on minimum 6' use zone.	1	1. Expand use zone or adjust location of Overhead Ladder as needed.

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.

Note: The results of the site review are based on the condition of the playground at the time of the visit and may not reflect conditions that may have developed since the visit. The site review is completed as thoroughly as possible, but identification of all guideline concerns/issues is not guaranteed.