



Estimate

CA261750

To: **San Pasqual Union Elementary School**
Attn: Ray Sifuentes
15305 Rockwood Road
Escondido, CA 92027

Estimate Date 06/07/2024	Salesperson Alex Beron
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San Pasqual Elementary Kinder Playground Equipment

Due to current market conditions, our estimates are valid for only 14 days and are subject to change due to market volatility

Estimated Shipping Date	Shipped Via	FOB	Terms	
5-12 Weeks	Truck - CA	Escondido	Hemet Piggyback Bid #PUR2023-01	
Quantity	Description		Unit Price	Total Extended
1	Playworld # C24172CHR2, Custom Challengers Playstructure with 3-1/2" OD powder coated galvanized steel posts with cast aluminum caps, one piece powder coated aluminum hinged clamps and one piece coated perforated steel decks with (36) Active Play Events to accommodate (87) users, Ages 2-12		\$62,619.00	\$62,619.00
1	Playworld # ZZXX0843Z, Risk Management Sign, Ages 2-12 *FREE with qualifying purchase of list price over \$10,000		\$0.00	\$0.00
1	Playworld # ZZXX0598, QUATTRO SEE-SAW (w/ SEAT BACKS)		\$7,913.00	\$7,913.00
1	Playworld # ZZXX0882, PLAYHOUSE		\$13,125.00	\$13,125.00
1	Playworld # ZZXX1275, 2 BASIN ACCESSIBLE SAND & WATER TABLE w/ ROOFS		\$4,444.00	\$4,444.00
	Subtotal			\$88,101.00
	Less Hemet Piggyback Bid Discount			(\$13,215.15)
1	Shipping		\$4,941.00	\$4,941.00
<i>THIS ESTIMATE IS SUBJECT TO THE ATTACHED TERMS AND CONDITIONS</i>			Subtotal	\$79,826.85
THANK YOU FOR THIS CHANCE TO ESTIMATE			Tax (7.75%)	\$5,803.65
<small>Dave Bang Associate, INC. IS PLEASED TO SUBMIT THE ABOVE ESTIMATE FOR YOUR CONSIDERATION. SHOULD YOU PLACE AN ORDER, BE ASSURED IT WILL RECEIVE OUR PROMPT ATTENTION. THIS ESTIMATE IS SUBJECT TO THE ATTACHED TERMS AND CONDITIONS, AND IS VALID FOR 14 DAYS. THEREAFTER, IT IS SUBJECT TO CHANGE WITHOUT NOTICE.</small>			Total	\$85,630.50

Accepted By _____ Signature: _____ Date: _____
 Print Name: _____

PLEASE SIGN AND RETURN ONE COPY WHEN ORDERING.

THANK YOU!

Terms & Conditions

1. General Notes

- *Assembly and Installation NOT included unless otherwise noted
- *Payment and Performance bonds are NOT included unless otherwise stated.
- If required, additional charges will apply. Please call for details!
- *Customer responsible for quoted quantities and model numbers, please check!
- *Price reflects quoted quantity. Please request revision if alternate quantity is desired.

2. Payment / Ordering

*TO ORDER, please sign quote and return via email or fax to avoid any shipping delays. Fax or email copy deemed to be legal equivalent of original. If Payment with Order is required, please sign quote below and return with payment. All past due accounts subject to 1 ½% monthly finance charge. In the event legal action is required to effect collection venue shall be Orange, CA.

3. Shipping / Unloading

- *Shipped by Common Carrier – Customer will need 2-4 people to unload. Liftgate NOT included. Items will be boxed and / or stretch wrapped to pallets and customer is responsible for offloading. Delivery Drivers do NOT unload
- **IMPORTANT: Customer is responsible for receiving and checking quantities and condition at time of delivery - Please note any shortages or damages on delivery copy.
- *Notwithstanding anything to the contrary in any Contract Documents, Customer understands that estimated shipment times for materials are an estimate only. We have no control over shipment dates. We thus make no guarantee to Owner or Customer regarding the projected shipment dates for materials and shall not be liable for any loss caused by the timing of shipments

4. Engineered Wood Fiber

- *Customer to provide access for Engineered Wood Fiber delivery with tractor truck and 53' trailer.
- *Customer to provide access for Engineered Wood Fiber delivery with tractor truck and 53' trailer.
- *Compaction of the Engineered Wood Fiber is NOT included in the installation cost, if desired, please request an updated proposal. If Compaction of the Engineered Wood Fiber was purchased, a high capacity water source such as a hydrant must be available. If applicable, the cost of a meter and / or the cost of the water is NOT included in the proposal. If we need to acquire the meter and / or pay for the water, please request an updated proposal

5. General Notes for Purchased Installation

- *Installation does NOT include ground preparation, excavation, safety surfacing, and/or safety surfacing borders, prep work, flat work, grading, rerouting of water, electric, drainage or sprinkler lines unless otherwise noted in the proposal
- *Demo of existing equipment or safety surfacing is NOT included unless otherwise stated in the proposal
- *ROCK CLAUSE: Pricing is based on normal soil conditions which would allow an auger on a tractor to dig footings. If rocks/boulders interfere with the progress of the excavation, additional fees may apply.
- *ACCESS CLAUSE: Installation based on clear access to area. Crane service is NOT included. Customer to provide access for bobcat to work area, bobcat will be provided by installer. Minimum access shall be 7' wide and 7' high. If adequate access is not provided additional charges may apply and repairs to landscape and irrigation may be required. Customer is responsible for any repairs to landscape if proper access is not provided.
- *UTILITY CLAUSE: Installation to include marking of utilities by Dig Alert. Dig Alert CANNOT locate any private lines, PVC or plastic water lines. Installation does NOT include repair or relocating any underground utilities, such as drainage, irrigation, live water lines, main low voltage lines, gas, electrical, communication, or sewer etc. Customers responsibility to provide locations of any utilities prior to commencement of work.
- *Customer is responsible for all landscape repairs such as, but not limited to damaged trees, bushes, lawn, curbing, sidewalks and/or asphalt paving caused by materials truck and/or 2-ton bobcat needed to complete project.
- *Installation does NOT include ground preparation, excavation, safety surfacing, and/or safety surfacing borders unless otherwise noted
- *Before we proceed with the playground installation, the playground area MUST be compacted, be free of debris, and excavated accordingly. Please call for details.
- *Concrete pad for surface mount items NOT included and MUST be provided by customer unless otherwise stated.
- *Surface mount anchoring to asphalt and paver areas is NOT included unless otherwise stated.
- *Private Utility Locator is NOT included unless otherwise noted. Private Utility Locator CANNOT locate any PVC or plastic water lines
- *Installation does NOT include saw cutting and/or core drilling unless otherwise noted
- *Installation does NOT include jackhammering. Please call for details.
- *Area MUST have normal soil conditions and be level.
- *All Athletic Equipment Goals such as soccer, football, etc, install location MUST be marked out by customer prior to installation, if installation was purchased

6. Temporary Fencing

*Security guards and/or temporary fencing to prevent injuries, vandalism and/or accidental damage to install area or to the rubberized surface while it sets is NOT included unless noted on quote. If desired, the installers can put up caution tape, but Temporary Fencing is recommended. Although the fencing, if provided, is intended to provide this security, the overall security of the property is ultimately the responsibility of customer. We are not responsible for any vandalism or injuries even with the provision of the fencing.

7. ADA Access

*Play Equipment MUST be installed over an impact-absorbing surface such as ADA compliant Engineered Wood Fiber or Rubber Surfacing. If not quoted, please call for details.

*This area is NOT ADA compliant without the installation of compliant surfacing and an accessible route up to and into the playground area. Please call for details.

8. Poured-in-Place Rubber Surfacing

*Rubber Surfacing cure time is normally 48-72 hours and can vary depending on weather conditions.

*Rubber Surfacing cannot be installed during extreme weather conditions and may also not be installed if rain or frost is forecast during the cure time.

*48-Hour Manned Security is NOT included for rubber.

9. Shade Shelters (non DSA)

*Shade Shelter installation price EXCLUDES - unless otherwise stated in this quote - engineering, permits, permit submittal, site plans, special inspections, soil reports, impact fees, special assessment fees. Customer is responsible for any and all of these items if required by the City.

*Shade Shelter manufacture time is 6-8 weeks. Permitting can add 2-4 weeks or more to lead time. PLEASE NOTE: Shade Orders are NOT released into production until permit is issued!

*Shade Shelter installation price EXCLUDES concrete pad, footings, masonry columns, electrical wiring and lights unless otherwise noted.

10. Shade Shelters (DSA)

**6-8 Week lead time is AFTER DSA approval by your architect of choice

* Customer to receive shade shelter. If receiving by us is needed, please call for pricing and details!

* Job to be completed in one mobilization. Additional moves will be additional pricing if we are required to remobilize due to schedule issues, stop work or a delay in work not caused by us

*Pricing does NOT include, architectural drawings, site/plot plans, DSA submittal fees, job site inspector fees, shop welding inspection fees, and/or permits

*DSA in-plant Welding Inspector to be hired by the School District. Welding Inspector fee has NOT been quoted.

*School District / Architect responsible for submission of plans to DSA for DSA approval

*Fabrication cannot start until inspections have been coordinated, colors have been selected, and approved plans received.

*Fabrication cannot start until inspections have been coordinated, colors have been selected, and approved plans received.

11. Prevailing Wages

*Prevailing Wages NOT included unless otherwise noted. (ie: Davis Bacon, TERO, ect.) If this is a Prevailing Wage project, please request alternate pricing.

*If Prevailing Wages / Davis Bacon Wages were INCLUDED, all other special work fees NOT included - Additional Labor Charges may apply if alternate labor is required.

*If DIR Project Registration is required, work may not begin until we receive DIR Project ID number

12. Indemnity Provision

*Notwithstanding anything to the contrary in any Contract Documents we shall have no duty to defend or indemnify Owner, Customer, or any other party we agree to defend or indemnify in any Contract Documents for that portion of any claim arising out of the comparative fault of any party we agree to defend or indemnify in any Contract Documents.

13. Insurance

Available Insurance

Umbrella / Excess Liability:

Each Occurrence - \$2,000,000.00

Aggregate - \$2,000,000.00

General Liability Limits:

Deductible - \$2,500.00

Each Occurrence - \$1,000,000.00

Damage to Rented Premises - \$100,000.00



Estimate


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Medical Expense - \$5,000.00
Personal & Adv Injury - \$1,000,000.00
General Aggregate (per project) - \$2,000,000.00
Products Comp/OP Agg - \$2,000,000.00
Excludes Contractual Liability
Available Endorsements:
Additional Insured Ongoing Operations CG2010
Additional Insured Completed Operations CG 2037
Primary Noncontributory IFG-G-0094
Waiver of Subrogation CG 2404
Per Project Aggregate IFG-G-0065
Per Location Aggregate IFG-G-0064
Auto Liability Limits:
(Any Auto, Hired Autos, Non-Owned Autos)
Combined Single Limit \$1,000,000.00
Available Endorsements:
Auto Blanket Additional Insured/Waiver of Subrogation CAT353
Workers Compensation and Employers Liability:
Each Accident - \$1,000,000.00
Disease (Ea Employee) - \$1,000,000.00
Disease (Policy Limit) - \$1,000,000.00
Waiver of Subrogation Endorsement available upon request
CA WC040306

Initial: _____



COLOR PALETTE:



MANUFACTURERS:



PROJECT:
SAN PASQUAL ELEMENTARY KINDERGARTEN
ESCONDIDO, CA

DESIGNED BY:
ALEX BERON
JUNE 3, 2024
DRAWING # C24172CHR2
PROJECT # 24002586

DESIGNED FOR:
AGES
2-12

since 1979
dave bang
associates inc.
park+playground outfitters





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MANUFACTURERS:

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SELECTED COLORS

POST: TROPICAL YELLOW

COMPONENT 1: PLUM

COMPONENT 2: N/A

ROTOMOLDED PLASTIC 1: SKY

ROTOMOLDED PLASTIC 2: CHARTREUSE

ROTOMOLDED PLASTIC 3: TEAL

SHEET PLASTIC 1/3/4: COBALT

SHEET PLASTIC 2/5: BEIGE

2-TONE PLASTIC: COBALT/SAND

ROPE: GREEN

ECO-ARMOR: GRAY

MODIFIED COLORS LISTED BELOW

FUNNEL ADVENTURE TUBE/NUVO 360 DEGREE SPIRAL

SLIDE/CATACOMBS PANEL: CHARTREUSE

TWIST N' SHOUT SLIDE/NUVO GEARS PANEL:

TEAL

ROCK CLIMBER: BROWSTONE

SHADE HAT: TURQUOISE

COLOR PALETTE:



MANUFACTURERS:



PROJECT:

SAN PASQUAL ELEMENTARY KINDERGARTEN

ESCONDIDO, CA

DESIGNED BY:

ALEX BERON

JUNE 3, 2024

DRAWING # C24172CHR2

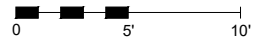
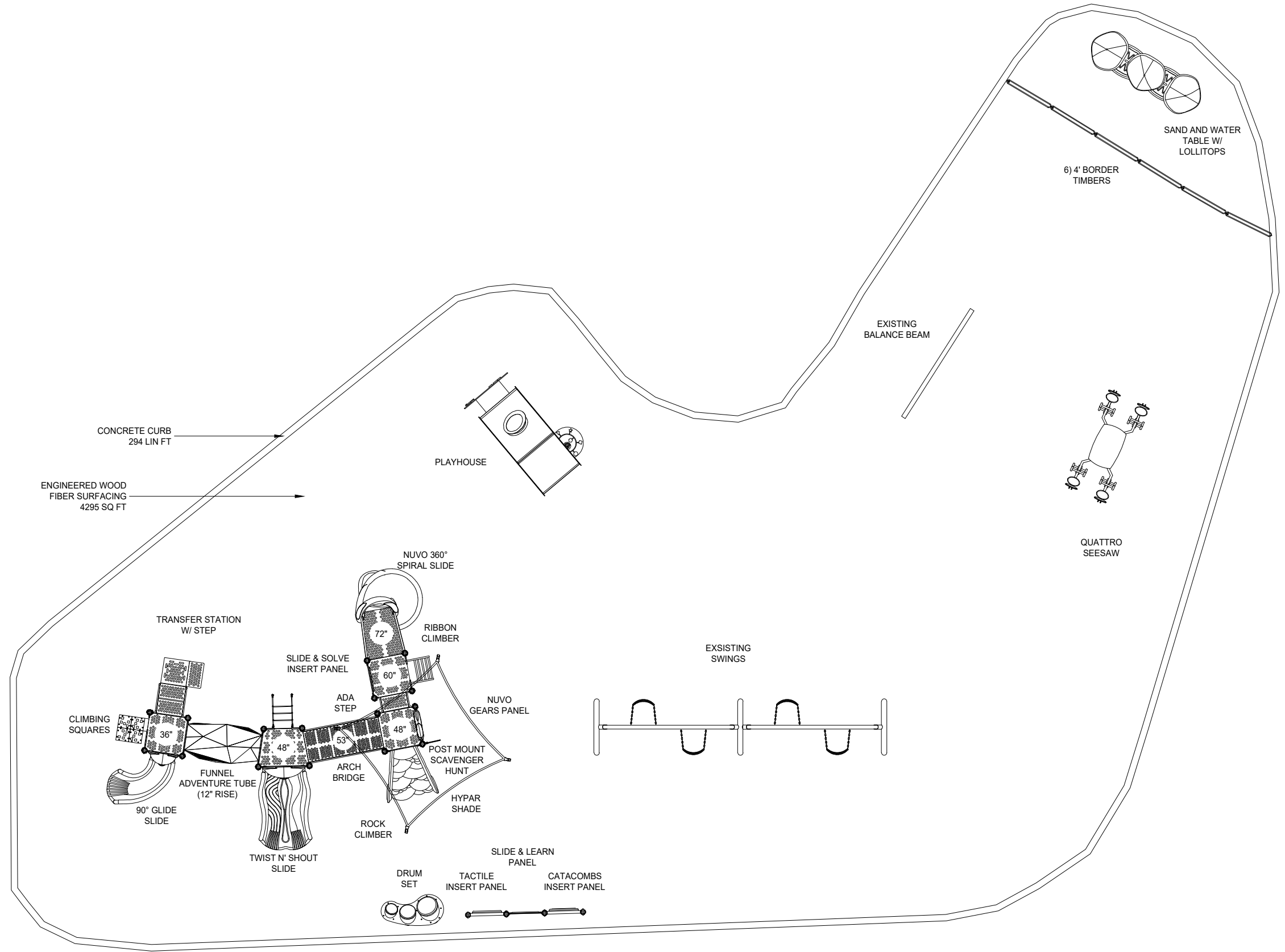
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TOTAL ELEVATED PLAY COMPONENTS:	11	REQUIRED:	0
TOTAL ELEVATED PLAY COMPONENTS ACCESSIBLE BY RAMP:	0	REQUIRED:	6
TOTAL ELEVATED PLAY COMPONENTS ACCESSIBLE BY TRANSFER:	10	REQUIRED:	4
TOTAL ACCESSIBLE GROUND LEVEL COMPONENTS SHOWN:	10	REQUIRED:	3
TOTAL ACCESSIBLE GROUND LEVEL COMPONENTS OF DIFFERENT TYPES:	8	REQUIRED:	3

* APPLICABLE ONLY WITH ADA COMPLIANT SURFACING.

PLAY STRUCTURE AND LAYOUT OF THE COMPONENTS CONFORM TO
 ASTM F1487-21 AND CPSC #325 GUIDELINES AND CCR TITLE 22,
 DIVISION 4 CHAPTER 22.
 CRITICAL FALL HEIGHT OF NEW EQUIPMENT: 72"

PROJECT

SAN PASQUAL ELEMENTARY KINDERGARTEN

ESCONDIDO, CA

DESIGNED BY:

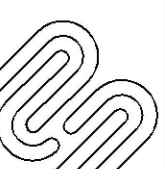
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 PROJECT # **24002586**

DESIGNED FOR

AGES
2-12

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San Pasqual Elementary Kindergarten

Design Number: C24172CHR2 - 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	7
3	ZZCH0029	3.5in OD x 136in STEEL POST W/O CAP	1
4	ZZCH0038	3.5in OD x 148in STEEL POST W/ RIVETED CAP	4
5	ZZCH0048	3.5in OD x 160in STEEL POST W/ RIVETED CAP	2
6	ZZCH0356	3.50in x 88in STEEL POST w/CAP	4
Decks & Kick Plates			
7	ZZCH0616	SQUARE COATED DECK ASSEMBLY	3
8	ZZCH0636	DOUBLE SLIDE COATED DECK ASSEMBLY	1
ADA Items			
9	ZZCH2008	TRANSFER STATION w/BARRIERS (36in DECK)	1
Decks & Kick Plates			
10	ZZCH2530	12in DECK TO DECK KICK PLATE	1
Slides			
11	ZZCH2727	TWIST AND SHOUT (48in DECK)	1
12	ZZCH3129	90 DEGREE GLIDE SLIDE (36in DECK)	1
13	ZZCH3537	SLIDE- NUVO 360 SPIRAL SLIDE	1
Activity Panels			
14	ZZCH4447	SLIDE-N-LEARN PANEL (GROUND LEVEL)	1
15	ZZCH4648	POST MOUNT SCAVENGER HUNT	1
16	ZZCH4671	CH PANEL FRAME- DECK LEVEL	1
17	ZZCH4808	OVAL INSERT PANEL (GROUND LEVEL)	2
18	ZZCH4836	NUVO ACTIVITY PANEL	1
Crawl Tubes			
19	ZZCH5693	FUNNEL ADVENTURE TUBE 2.0	1
Bridges			
20	ZZCH6595	6ft ARCH BRIDGE	1
Climbers			
21	ZZCH7087	CLIMBING SQUARES BLOCK CLIMBER (36in)	1
22	ZZCH7237	ROPE LADDER- 48in DECK	1
23	ZZCH7439	ROCK CLIMBER (48in DECK)	1
24	ZZCH8300	RIBBON CLIMBER (60in DECK)	1
Stairs and Ladders			
25	ZZCH9168	12in ACCESS STEPPED PLATFORM (DECK TO DECK)	1
Roofs & Arches			
26	ZZCH9708	MODULAR HYPAR SHADE	1
ADA Items			
27	ZZUN2019	APPROACH STEP FOR TRANSFER STATION	1
Activity Panels			
28	ZZUN4678	SLIDE & SOLVE INSERT	1
29	ZZUN4787	TACTILE INSERT	1
30	ZZUN4792	CATACOMBS PANEL INSERT	1



San Pasqual Elementary Kindergarten

Design Number: C24172CHR2 - Bill Of Material

Ref. No.	Part No.	Description	Quantity
31	ZZUN4868	NUVO - GEAR PANEL INSERT	1
		Audible Activities	
32	ZZUN5049	DRUM KIT (20in HEIGHT)	1



San Pasqual Elementary Kindergarten

Design Number: C24172CHR2 - 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)	Post-Consumer Content (lbs)	CO2e Footprint (kgs)	Users	Install Hours	Concrete (Yds3)	Active Play Events
1	ZZCH0018	2	3.5in OD x 124in STEEL POST W/RIVETED CAP	Certified	77.82			108	0	2.00	0.25	0
2	ZZCH0028	7	3.5in OD x 136in STEEL POST W/ RIVETED CAP	Certified	304.57			410	0	7.00	0.88	0
3	ZZCH0029	1	3.5in OD x 136in STEEL POST W/O CAP	Certified	42.41			54	0	1.00	0.13	0
4	ZZCH0038	4	3.5in OD x 148in STEEL POST W/ RIVETED CAP	Certified	188.44			253	0	4.00	0.50	0
5	ZZCH0048	2	3.5in OD x 160in STEEL POST W/ RIVETED CAP	Certified	100.42			136	0	2.00	0.25	0
6	ZZCH0356	4	3.50in x 88in STEEL POST w/CAP	Certified	118.84			158	0	4.00	0.52	0
7	ZZCH0616	3	SQUARE COATED DECK ASSEMBLY	Certified	164.58			521	9	3.00	0.00	0
8	ZZCH0636	1	DOUBLE SLIDE COATED DECK ASSEMBLY	Certified	63.86			185	3	1.00	0.00	0
9	ZZCH2008	1	TRANSFER STATION w/BARRIERS (36in DECK)	Certified	176.50			385	2	2.00	0.09	0
10	ZZCH2530	1	12in DECK TO DECK KICK PLATE	Certified	8.85			17	0	0.50	0.00	0
11	ZZCH2727	1	TWIST AND SHOUT (48in DECK)	Certified	183.86			656	4	3.00	0.06	1
12	ZZCH3129	1	90 DEGREE GLIDE SLIDE (36in DECK)	Certified	96.73			418	2	2.00	0.03	1
13	ZZCH3537	1	SLIDE- NUVO 360 SPIRAL SLIDE	Certified	650.00			1,417	2	6.00	0.15	1
14	ZZCH4447	1	SLIDE-N-LEARN PANEL (GROUND LEVEL)	Certified	57.88			539	1	1.00	0.00	1
15	ZZCH4648	1	POST MOUNT SCAVENGER HUNT	Certified	15.86			264	3	2.00	0.00	1
16	ZZCH4671	1	CH PANEL FRAME- DECK LEVEL	Certified	32.87			163	0	1.00	0.00	0
17	ZZCH4808	2	OVAL INSERT PANEL (GROUND LEVEL)	Certified	30.44			465	0	1.00	0.00	0
18	ZZCH4836	1	NUVO ACTIVITY PANEL	Certified	19.58			232	0	0.50	0.00	0
19	ZZCH5693	1	FUNNEL ADVENTURE TUBE 2.0	Certified	155.40			884	4	2.00	0.00	1
20	ZZCH6595	1	6ft ARCH BRIDGE	Certified	183.35			415	2	1.50	0.00	1
21	ZZCH7087	1	CLIMBING SQUARES BLOCK CLIMBER (36in)	Certified	129.12			437	2	4.00	0.12	1
22	ZZCH7237	1	ROPE LADDER- 48in DECK	Certified	51.79			345	1	2.00	0.06	1
23	ZZCH7439	1	ROCK CLIMBER (48in DECK)	Certified	136.38			555	3	2.00	0.03	1
24	ZZCH8300	1	RIBBON CLIMBER (60in DECK)	Certified	41.92			114	2	1.50	0.06	1



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Reference Document: ASTM F1487

Ref. No.	Part No.	Qty.	Description	Unit ASTM Status	Total Weight (lbs)	Pre-Consumer Recycled Content (lbs)	Post-Consumer Content (lbs)	CO2e Footprint (kgs)	Users	Install Hours	Concrete (Yds3)	Active Play Events
25	ZZCH9168	1	12in ACCESS STEPPED PLATFORM (DECK TO DECK)	Certified	70.28			277	1	2.00	0.00	0
26	ZZCH9708	1	MODULAR HYPAR SHADE	Certified	186.35			2,303	0	3.00	0.00	0
27	ZZUN2019	1	APPROACH STEP FOR TRANSFER STATION	Certified	35.83			72	1	1.00	0.04	0
28	ZZUN4678	1	SLIDE & SOLVE INSERT	Certified	17.61			761	2	0.25	0.00	1
29	ZZUN4787	1	TACTILE INSERT	Certified	19.24			236	2	0.50	0.00	1
30	ZZUN4792	1	CATACOMBS PANEL INSERT	Certified	23.02			250	1	0.50	0.00	1
31	ZZUN4868	1	NUVO - GEAR PANEL INSERT	Certified	24.14			375	1	0.50	0.00	1
32	ZZUN5049	1	DRUM KIT (20in HEIGHT)	Certified	121.18			394	2	3.00	0.22	1
33	ZZXX0598	1	QUATTRO SEE-SAW (w/ SEAT BACKS)	Certified	482.67			1,510	6	5.00	0.24	1
34	ZZXX0882	1	PLAYHOUSE	Certified	858.20			3,178	20	10.00	0.45	18
35	ZZXX1275	1	2 BASIN ACCESSIBLE SAND & WATER TABLE w/ROOFS	Certified	292.80			1,453	11	2.50	0.39	1
36	ZZXX9430	6	4ft BORDER TIMBERS w/STAKE	N/A	61.86			119	0	1.50	0.00	0
Totals:					5,224.65	781	1,169	20,057	87	85.75	4.46	36
					0 Kg	0 Kg	0 Kg	0 Metric Tons			0 m3	



San Pasqual Elementary Kindergarten

Design Number: C24172CHR2 - 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)	Post-Consumer Recycled Content (lbs)	CO2e Footprint (kgs)	Install Users	Install Hours	Concrete (Yds3)	Active Play Events
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ASTM F1487

The lay-out for this custom playscape, design number C24172CHR2, 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.

