

ELEVATIONS™ L4-1150d

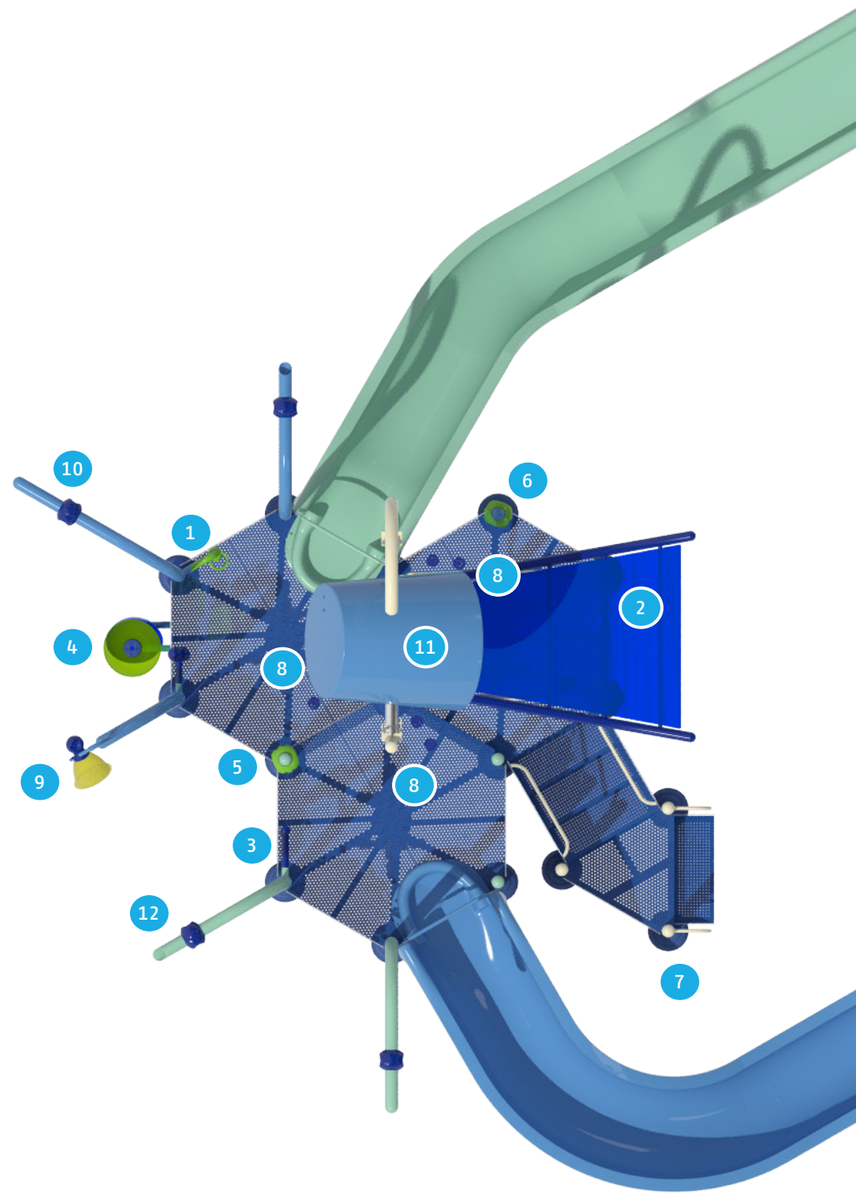
VIEW 1

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POOLPLAY® COMPONENTS

#	ITEM	QTY	GPM	LPM	CHOICE
INTERACTIVE WATER PLAY FEATURES					
1	Orb Spray No2	1	20	76	Paint:
2	Orb Spray No2	1	20	76	Paint:
3	Spray Bar No1	1	10	38	Paint:
4	Flow Play No1	1	20	76	Combination 1
					Combination 2
					Combination 3
					Combination 4
					Combination 5
5	Plux Twister	1	20	76	Plux:
6	Plux Twister	1	20	76	Plux:
TOTAL INTERACTIVE FEATURES		6	110	415.8	
WATER PLAY FEATURES					
7	Aquadome	1	20	76	n/a
8	Deck Geysers	3	30	113	n/a
9	Dumping Bell	1	20	76	Post Paint:
					Seeflow™:
10	Water Wall/Sheet	1	45	170	Paint:
11	Supersplash	1	40	151	Post Paint:
					Bucket Paint:
					Seeflow™:
					Roof Paint:
12	Plux Pipe Fall	1	45	170	Paint:
					Plux:

RAL 4006 RAL 3000 RAL 2011 RAL 1017 RAL 1023 RAL 6029 RAL6018 RAL 6025 RAL 6021 RAL 6019 RAL 6027 RAL 5024 RAL 5012 RAL 5017 RAL 5003 RAL 8024 RAL 9003 RAL 1015 RAL 7040 RAL 9017 Sparkle Custom

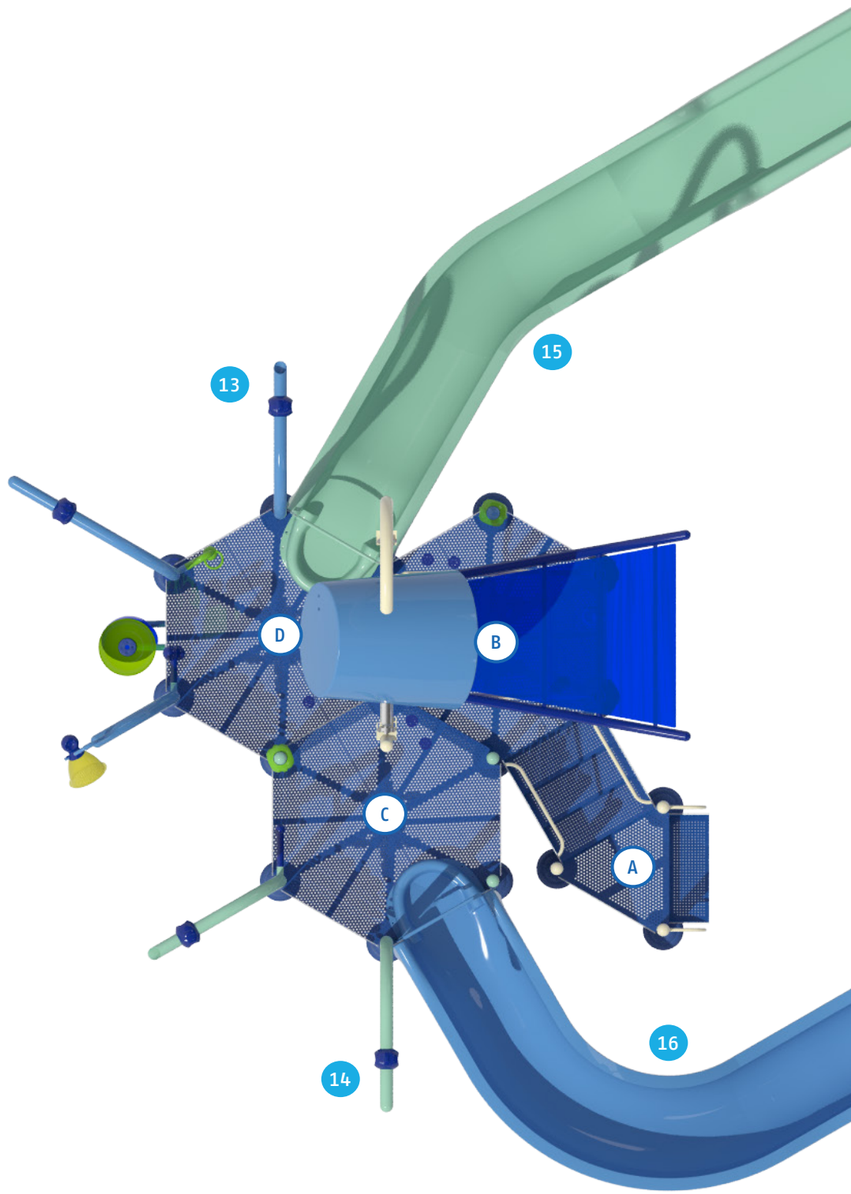


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POOLPLAY® COMPONENTS

#	ITEM	QTY	GPM	LPM	CHOICE
INTERACTIVE WATER PLAY FEATURES					
13	Plux Pipe Fall	1	45	170	Paint:
					Plux:
14	Plux Water Fall	1	45	170	Paint:
					Plux:
TOTAL FEATURES		10	290	1096.2	
WATER SLIDES					
15	Open Flume Water Slide	1	40	151	Fiber:
16	Open Flume Water Slide	1	40	151	Fiber:
TOTAL SLIDES		2	80	302	
GLOBAL FLOW		**18**	**480GPM**	**1814.4LPM**	
STRUCTURES COMPONENTS		QTY	GPM	LPM	CHOICE
A	Entry 48”	1	n/a	n/a	Deck Paint:
					Handrail Paint:
					Post Paint:
B	Hex 48”	1	110	415.8	Deck Paint:
					Post Paint:
					Manifold Paint:
C	Hex 56”	1	170	642.6	Deck Paint:
					Post Paint:
					Manifold Paint:
D	Hex 40”	1	200	756	Deck Paint:
					Post Paint:
					Manifold Paint:
	Barrier Graphics	Select On Elevations Color Choice Page			

RAL 4006 RAL 3000 RAL 2011 RAL 1017 RAL 1023 RAL 6029 RAL6018 RAL 6025 RAL 6021 RAL 6019 RAL 6027 RAL 5024 RAL 5012 RAL 5017 RAL 5003 RAL 8024 RAL 9003 RAL 1015 RAL 7040 RAL 9017 Sparkle Custom

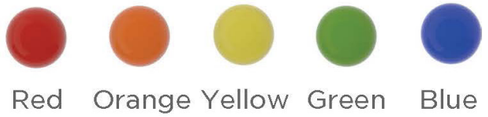


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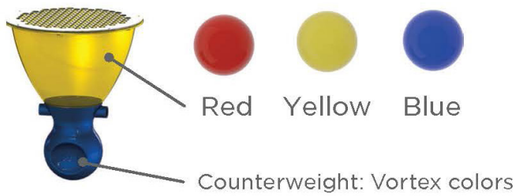
VORTEX COLORS



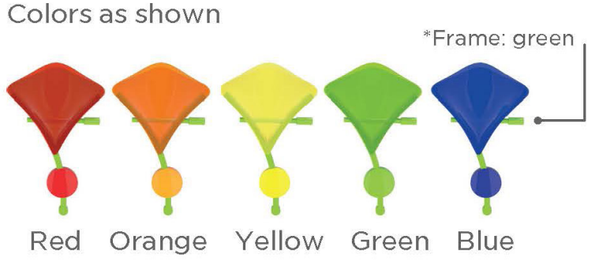
SEEFLOW™



DUMPING BELL



DUMPING FLOWER



FIBERGLASS WATERSLIDES

Vortex Colors



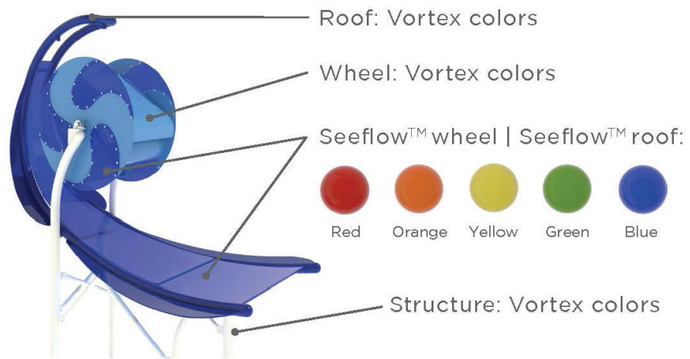
HANDLE SPHERE



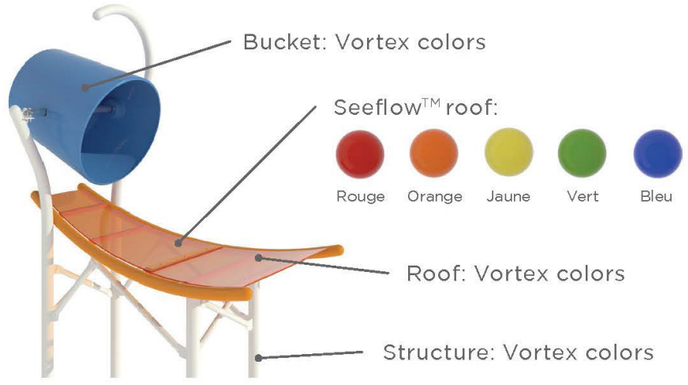
TWIRLTEC™ & TOEGUARD™



SUPERWAVE

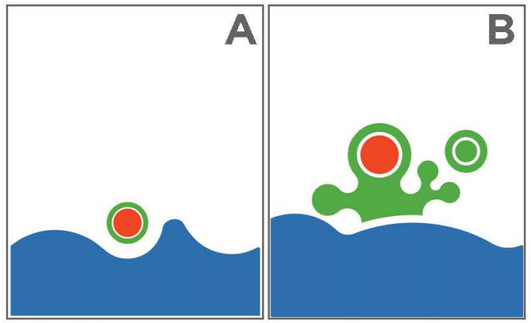


SUPERSPLASH

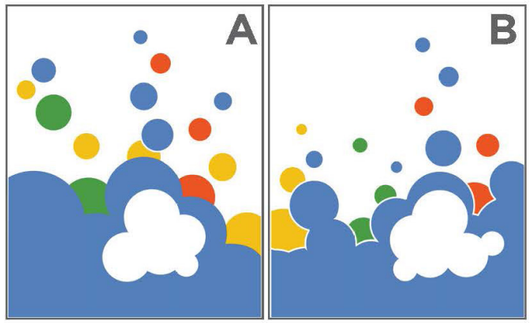


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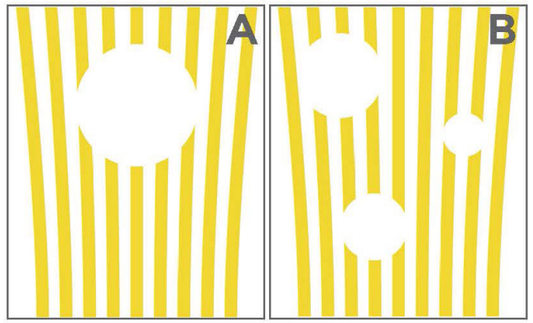
BARRIER GRAPHICS



Splashie A & B

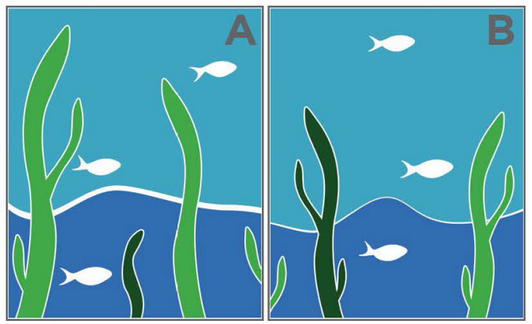


Cartoon A & B

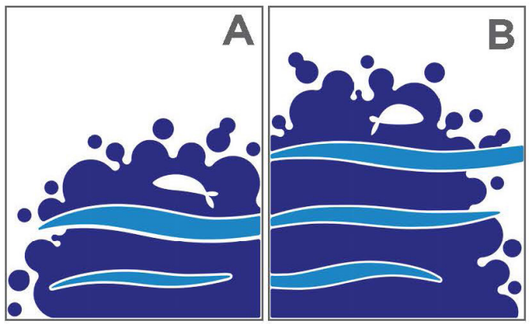


Beach cabana A & B (Yellow)

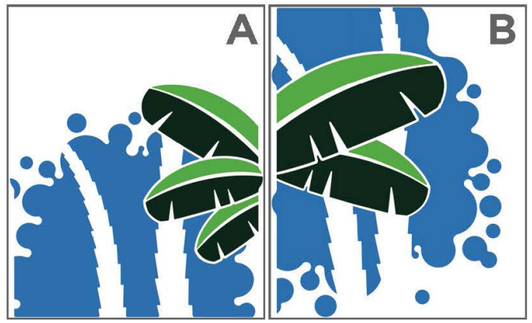

Red Orange Green Blue



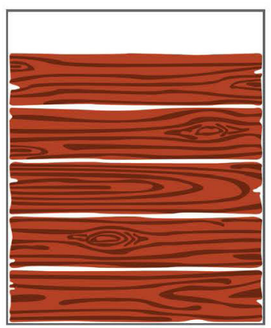
Undersea A & B

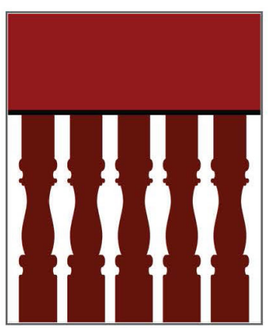


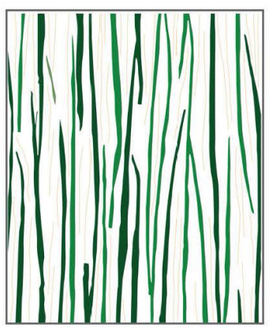
Ocean A & B

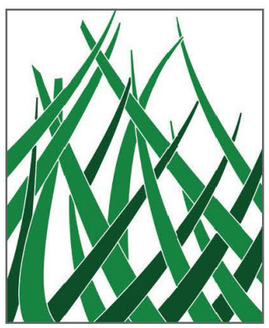


Jungle A & B


Wood A & B

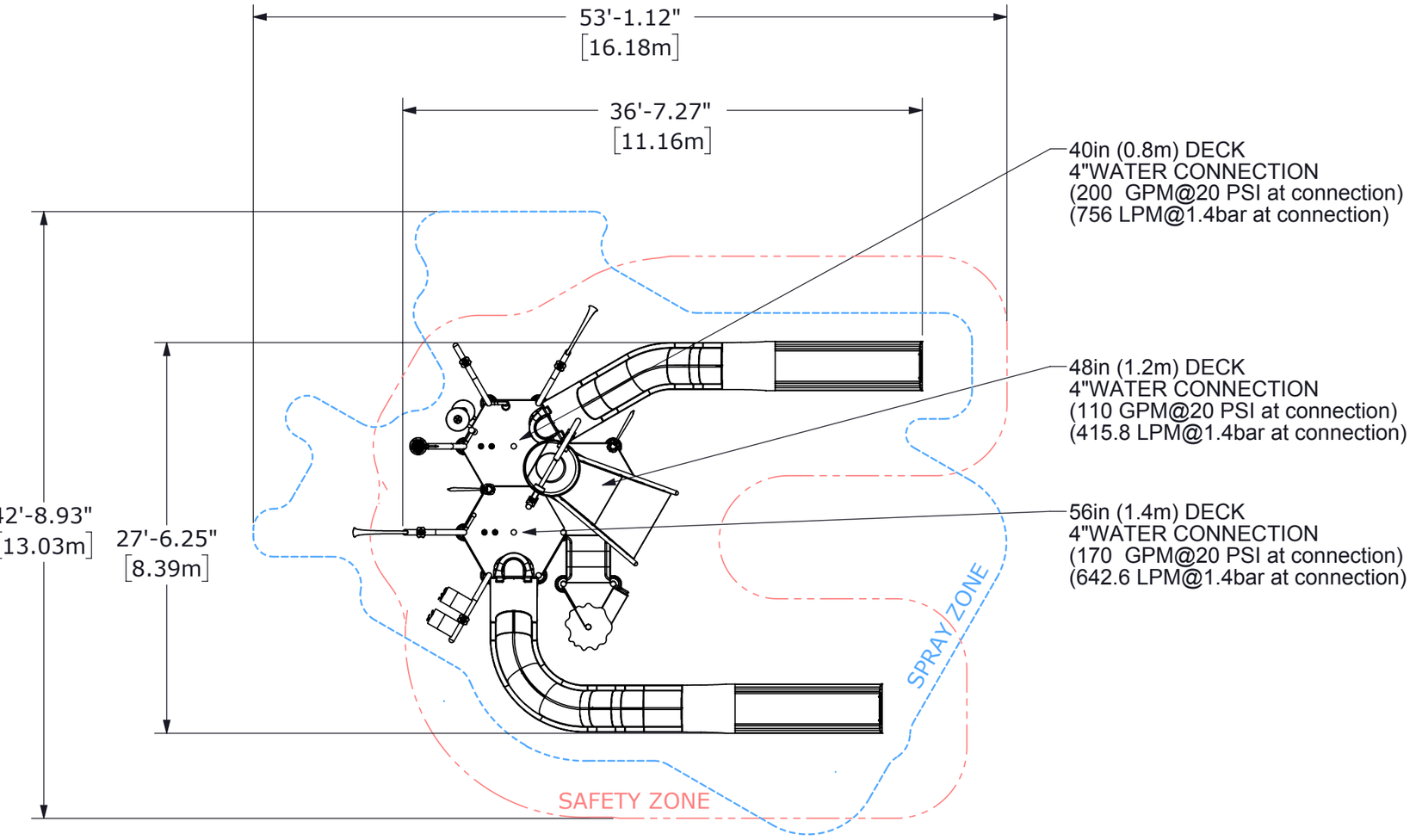

Pirate A & B


Bamboo A & B


Grass A & B

Custom barrier graphics available

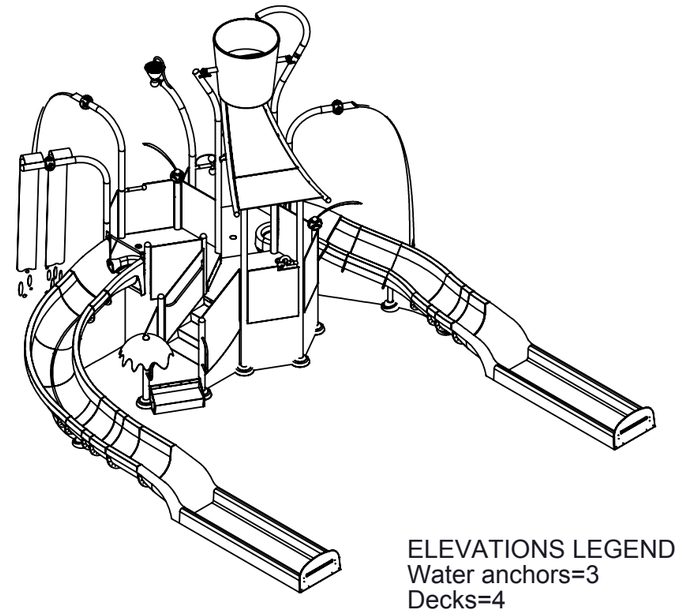
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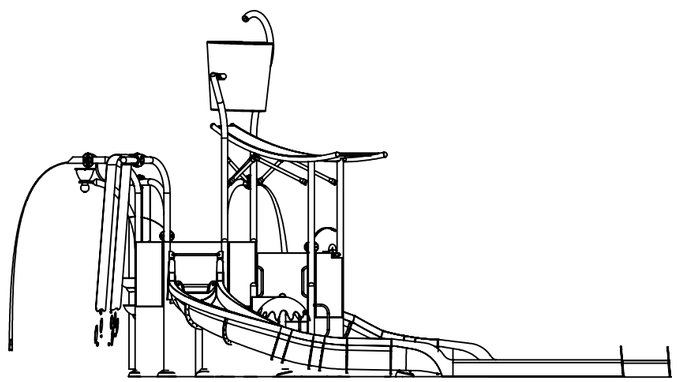
40in (0.8m) DECK
4"WATER CONNECTION
(200 GPM@20 PSI at connection)
(756 LPM@1.4bar at connection)

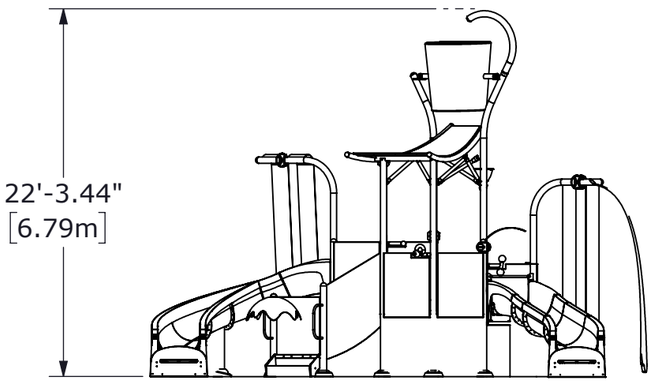
48in (1.2m) DECK
4"WATER CONNECTION
(110 GPM@20 PSI at connection)
(415.8 LPM@1.4bar at connection)

56in (1.4m) DECK
4"WATER CONNECTION
(170 GPM@20 PSI at connection)
(642.6 LPM@1.4bar at connection)



ELEVATIONS LEGEND
Water anchors=3
Decks=4
Water play features=14
Waterslides=2





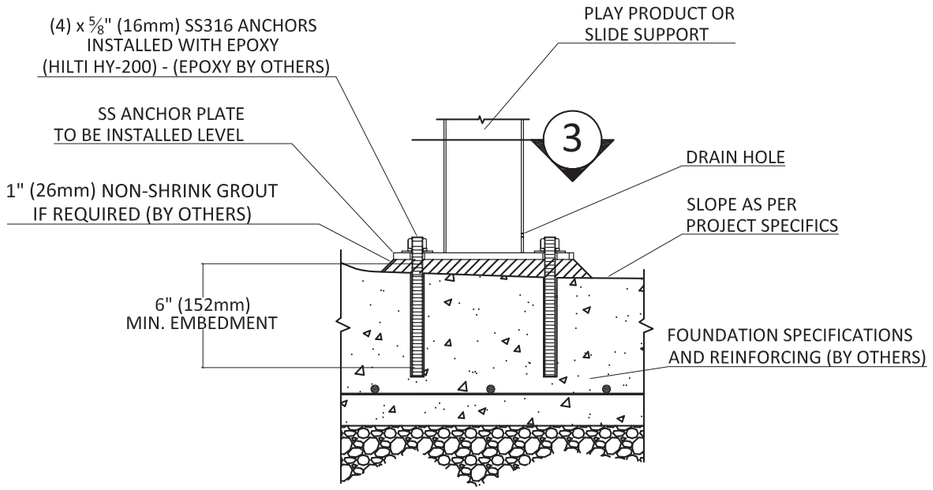
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GENERAL SPECIFICATIONS:

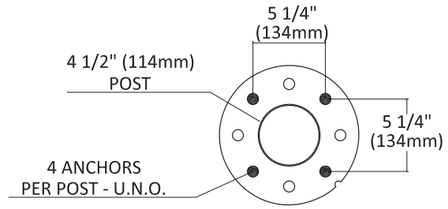
1. THESE DETAILS ARE GENERIC AND PROVIDE AN OVERVIEW OF THE SCOPE OF WORK DURING CONSTRUCTION/ INSTALLATION. REFER TO THE PROJECT FINAL INSTALLATION DRAWINGS FOR INFORMATION SPECIFIC TO YOUR PROJECT.

2. DESIGN OF CONCRETE SLAB, BY OTHERS. WE RECOMMEND AS A MINIMUM:
   - 10"-12" (250-300mm) MIN. THICKENED REINFORCED CONCRETE SLAB (U.N.O.) MIN. THICKNESS IS DEPENDANT ON MIN. ANCHOR EMBEDMENT REQUIRED.
   - UNDER ELEVATION DECKS (OFFSET OF 12" (300mm) FROM DECK EDGE
   - REINFORCED WITH #5 (15M) REBAR @ 12" (300mm) C/C BOTH WAYS
   - MIN. CONCRETE STRENGTH f 'c = 3600psi (25Mpa) @ 28 DAYS
   - AIR-ENTRAINED CONCRETE (IN REGIONS SUBJECTED TO FREEZE & THAW)
   - VERIFY LOCAL CODES AND STANDARDS FOR OTHER LOCAL REQUIREMENTS

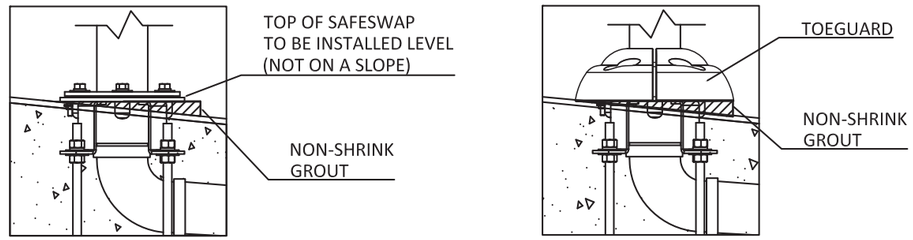
3. FOR FURTHER DETAILS AND INFORMATION, REFER TO THE INSTALLATION, OPERATION, AND MAINTENANCE MANUALS.



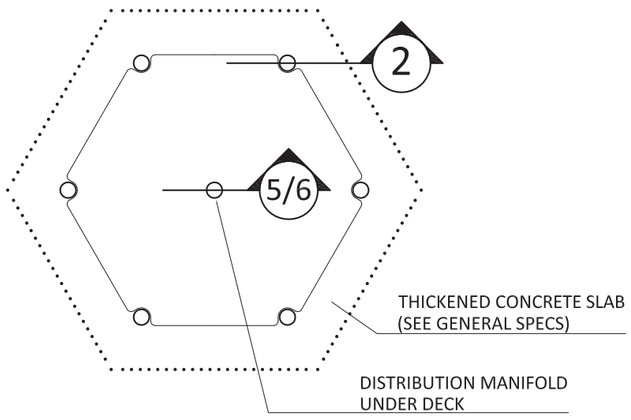
2 POST-ANCHORED DETAIL
TYP. POSTS



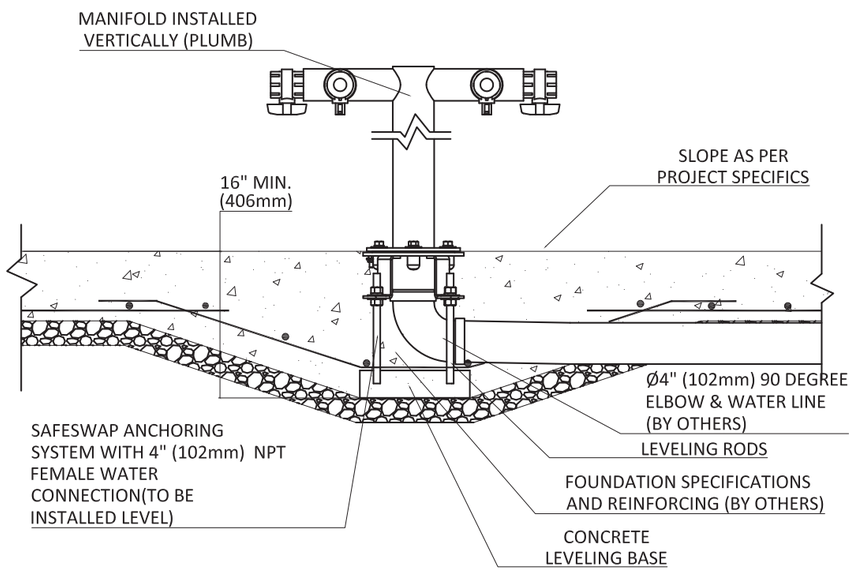
3 TYP. BASE PLATE FOR 4" (100mm) dia.
POST-ANCHORED POSTS



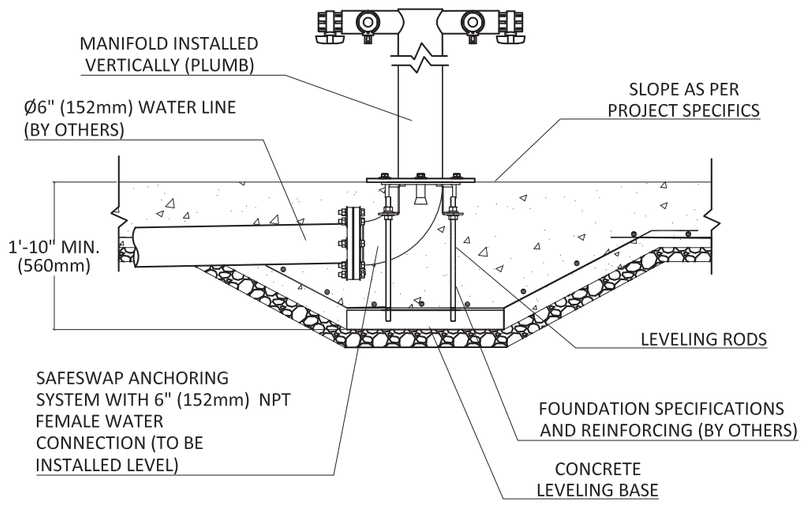
4 TYP. DETAIL SAFESWAP
ON A SLOPE



1 PLAN VIEW - HEX DECK (ELEVATIONS)



5 4" (100mm) MANIFOLD SAFESWAP
TYP. ANCHORING DETAIL



6 6" (150mm) MANIFOLD SAFESWAP
TYP. ANCHORING DETAIL

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ELEVATIONS™ SIMPLIFIED MATERIALS SPECIFICATION

1. Structural Tubing: Tubing shall be type 304/304L stainless steel pipe, schedule 10 minimum and highly resistant to corrosive environments. Main support posts shall be made of 4,5” (11.4cm) stainless steel pipe.
2. Decks and Stairs: All decks & stairs shall be constructed from 12 GA (.105” [2.6mm]) minimum 304/304L stainless steel sheet perforated for better drainage. Deck and Stair protective coating shall integrate an anti-skid surface suitable for bare feet use.
3. Protective coating / Painted Finish: All stainless steel parts, except noted, shall be coated with a Super Durable grade heat-cured polyester powder coating that offers superior UV, gloss and chemical resistance; and is suitable for high traffic environments. Super Durable coating offers superior properties for long lasting durability and protection for indoor and outdoor high traffic environments compared to regular outdoor polyester powder coating and outdoor liquid coating.
4. SeeflowTM Polymer parts: Polymer plastic parts shall be constructed of SeeflowTM Polymer material exclusively developed for the aquatic play environment. It shall be a diaphanous (transparent) plastic that has a high resistance to impact, is highly resistant to vandalism, and is flame retardant. The SeeflowTM polymer shall have outstanding dimensional stability, chemical resistance, UV stability, and exceptional translucence.
5. Barrier Panels: Shall be constructed from highly resistant and durable polycarbonate material. Material shall be UV treated for maximum durability and resistance. Barrier Panels shall be designed to prevent kids from climbing and be see-through. They should be available clear or with transparent colored graphics. Barrier Panels shall be ½” (12mm) thick minimum.
6. Railing Barrier (if applicable): Shall be constructed of type 304/304L stainless steel pipes, schedule 10 minimum and highly resistant to corrosive environments. The barrier shall be safely constructed to prevent kids from climbing.
7. Below Deck Barrier: Hex Deck, Octa Deck and Stairs, without sufficient head clearance to circulate underneath, shall have see-through barrier netting to prevent people from going underneath. The netting shall be a black polyester netting with 2” inch (50mm) mesh openings. Each structure shall have a locking device to allow authorized access to valves underneath the deck.
8. Nozzles: Shall be manufactured from lead-free Brass and/or 304/304L Stainless Steel and/or Ultra-High Molecular Weight Polyethylene (UHMW) highly resistant to UV, water and corrosive environments. Nozzles shall be exempt of hazardous substances, lead or harmful chemicals.
9. Toe Guards: Shall be constructed of the colored Soft Touch Elastomer developed exclusively for the aquatic play environment in order to cover the anchoring assembly hardware from pinch points and protrusions. Toe Guards shall have flexible rubber-like characteristics, a matte highly durable and slip-resistant finish, with excellent UV and chemical resistance.
10. Children waterslides: Children waterslides under 6 feet (1.8 m) shall be molded and constructed of high quality marine-grade fiberglass using ISO polyester UV resistant gelcoat and E glass type fiber reinforcement. Slide wall thickness shall be a minimum of 0,150” (4.0mm) and 0,270” (6.9mm) for connection flanges. Children waterslides shall be offered with a landing mat exit option or a slide runout exit option according to the project. Children waterslides shall be offered in 20 different colors.
11. WaterSlides (Open flume and Close Flume): Waterslides over 6 feet (1.8 m) shall be constructed of high quality marine-grade fiberglass using ISO polyester UV resistant gelcoat and E glass type fiber reinforcement. Slide part wall thickness shall be a minimum of ¼” (6mm) and a minimum of 0.315” (8 mm) for slide flanges. The Fiber WaterSlide shall consist of an assembly of different fiberglass slide parts, mechanically assembled together, to create different slide path configurations. The Fiber WaterSlide shall be offered in different colors and shall have landing mats or an integrated slide runout ending options according to the project. Waterslides shall be offered in 20 different colors. Fiber WaterSlide over 6’ (1.8m) shall be designed and manufactured in accordance with international standard ASTM F2376 or European standard EN1069-1.
12. Mounting and Assembly Hardware: All hardware shall be made of high corrosion resistance 316/316L stainless steel grade to offer the best durability and protection.
13. Safety Craftsmanship: All edges shall be machined to a rounded edge. All welds shall be smoothed, watertight and factory pressure tested. Water sprays nozzles shall be designed to prevent any protrusion or recessed. All Elevations aquatic play structures shall be designed and manufactured in accordance with Vortex Quality Management System, international industry safety standards ASTM F2461 and F2376 or European safety standard EN 13451-8 and EN 1069-1 according to the project.

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A CLEAR SOURCE OF FUN