

# Snider & Associates, Inc.

school & park recreation equipment - located in ohio, indiana, michigan & pennsylvania

♣ Our Business is "Fun" ♣

10139 Royalton Road • Suite H • North Royalton, Ohio 44133

440-877-9151 • 800-888-2889 • FAX 440-877-9159 • Website: [www.cvsnyder.com](http://www.cvsnyder.com)



## ADA STANDARD

## Compliant

### Composite Play Structures that Include Ramps that Connect Elevated Play Components as a Means of Access

Elevated ramps are at least 36 inches wide, with a maximum running slope of 1:12 and maximum length of 144 inches (12 feet) before providing a landing.

Elevated ramps include handrails on both sides meeting hand-gripping criteria and with a height between 20 and 28 inches.

Elevated ramps with handrails, barriers beyond the ramp edge and barriers not extending within 1 inch of the ramp surface have edge curbing at least 2 inches high for the entire ramp length. (No handrail extensions are required.)

Elevated ramps that change in direction have a 60-inch by 60-inch minimum level landing at both the top and the bottom of each run.

Elevated ramps and accessible platforms attached at ramp levels have no openings on surface greater than 1/2 inch and a vertical change in level less than 1/4 inch or up to 1/2 inch with a 2:1 beveled edge.

Openings on elevated ramp accessible platforms for access/egress play opportunities are narrowed to 15 inches or less (does not apply to transfer systems.)

### Ground-Level Activities

Advisory reach ranges for accessible manipulative and interactive sensory and communicative components have reach range heights between 8 and 44 inches for 5-12 year old user age group and 30 to 36 inches for 2-5 year old user age group.

Ground-level upper body equipment intended for use by a person using a mobility device is less than 54 inches above protective surfacing.

Ground-level play tables and components have a minimum vertical knee clearance of at least 24 inches high, a minimum depth of at least 17 inches and a minimum width of at least 30 inches. The maximum top of the playing surface does not exceed 31 inches.

Play areas have the minimum number of accessible play components and types on the accessible routes per the following criteria: One of each type at ground-level and 50 percent elevated are accessible. Where elevated play components are provided, ground-level play components are provided in accordance with Table 240.2.1.2 and comply with 1008.4. EXCEPTION: If at least 50 percent of the elevated play components are connected by a ramp and at least three of the elevated play components connected by the ramp are different types of play components, the play area is not required to comply with F240.2.1.2.

## ACCESSIBLE PLAYGROUND CHECKLIST

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**Table 240.2.1.2 - Number and Types of Ground-Level Play Components Required to be on Accessible Routes**

Number of Elevated Play Components Provided to be on an Accessible Route	Minimum Number of Ground-Level Play Components Required to be on an Accessible Route	Minimum Number of Different Types of Ground-Level Play Components
1	N/A	N/A
2-4	1	1
5-7	2	2
8-10	3	3
11-13	4	3
14-16	5	3
17-19	6	3
20-22	7	4
23-25	8	5
26+	8, plus 1 for each additional 3 or fraction thereof, over 25	5

### **Accessible Routes**

The accessible route is at least 60 inches wide with a maximum running slope of 1:20 and a maximum cross slope of 1:48. The accessible route has a minimum width of 36 inches, and the maximum slope of 1:20. Any running slope over 1:20 or 5 percent is treated as a ramp with handrails and landings.

Within the play area, the accessible route is at least 60 inches wide, with a maximum running slope of 1:16, a maximum cross slope of 1:48 and a minimum of 80 inches overhead clearance. For small play areas of less than 1,000 square feet in total size, the accessible route is at least 44 inches wide, with a maximum running slope of 1:16, a maximum cross slope of 1:48 and minimum of 80 inches overhead clearance.

### **Safety Surfacing**

Within the play area, the safety surfacing complies with ASTM F1292 Standard Specification for Impact Attenuation of Surface Systems Under and Around Playground Equipment when located within the use zone for proper impact attenuation.

All accessible routes within the play area, clear floor or ground spaces at play components are accessible and turning spaces comply with ASTM 1951 Standard Specification for Determination of Accessibility of Surface Systems Under and Around Playground Equipment.

### **Composite Play Structures with a Transfer System as a Means of Access**

Transfer platform height is between 11 and 18 inches with a clear minimum width of 24 inches and depth of 14 inches.

Transfer steps are a maximum of 8 inches high and include handholds to aid movement.

A minimum of 30-inch by 48-inch transfer space is provided adjacent to the transfer platform.

The 48-inch-long minimum dimension of the transfer space is centered on and parallel to the 24-inch-long minimum side of the transfer platform.

The side of the transfer platform serving the transfer space is unobstructed.

Composite play structures have elevated accessible routes by ramp and/or transfer systems to connect at least 50 percent of the elevated play components. Large composite play structures with more than 20 elevated play components have at least 25 percent of the elevated play components connected by elevated ramps.