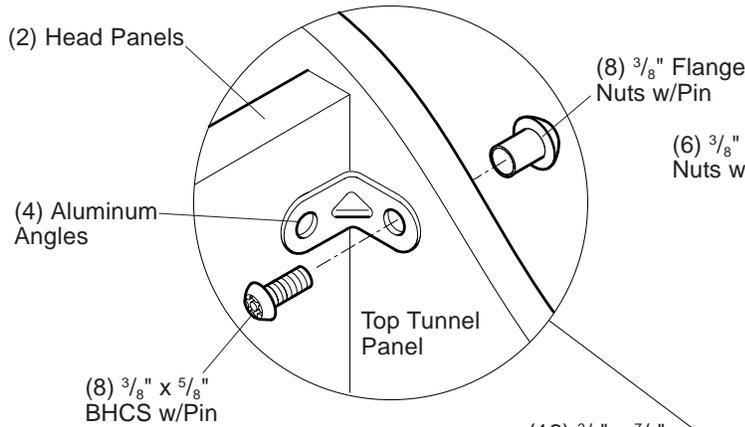
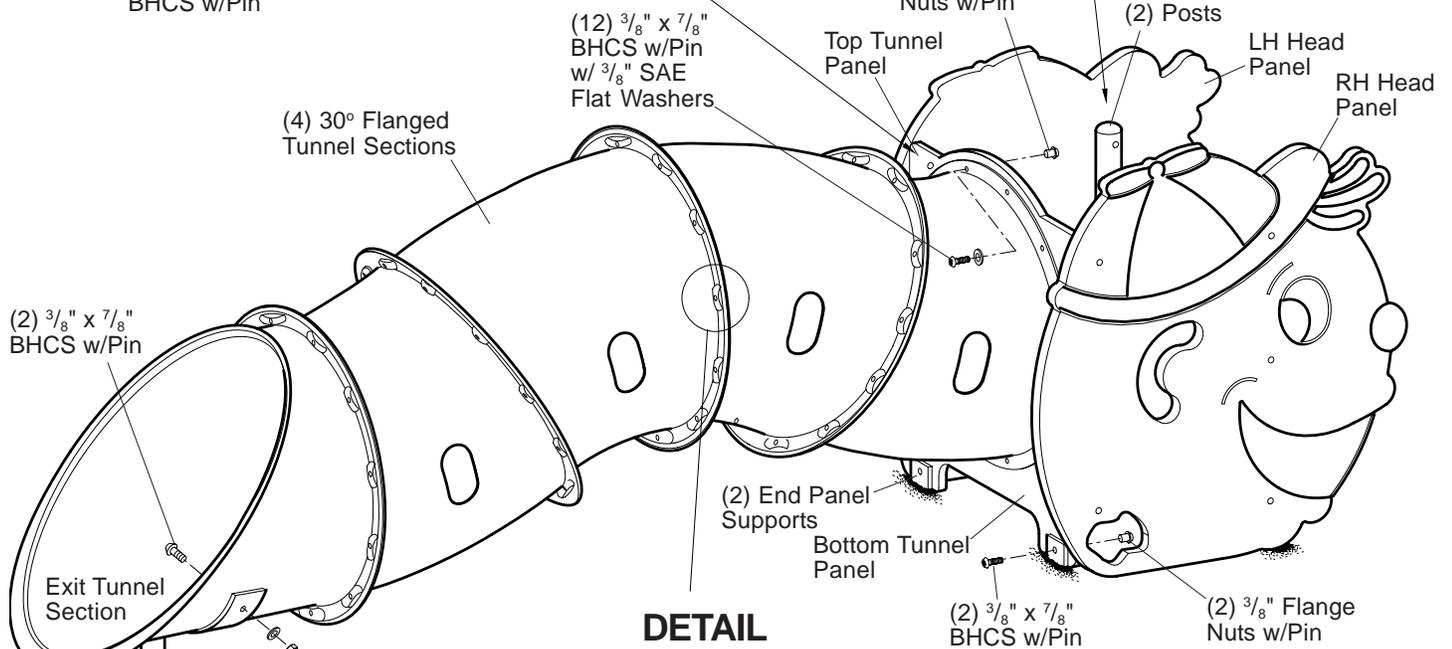
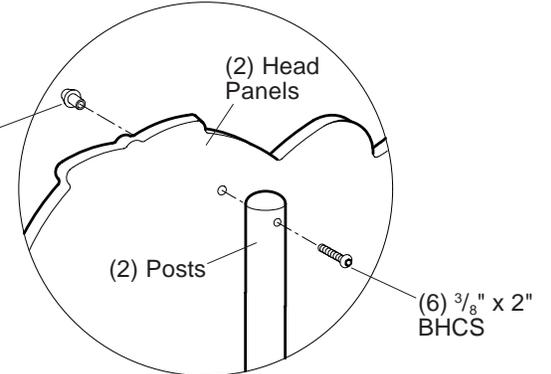


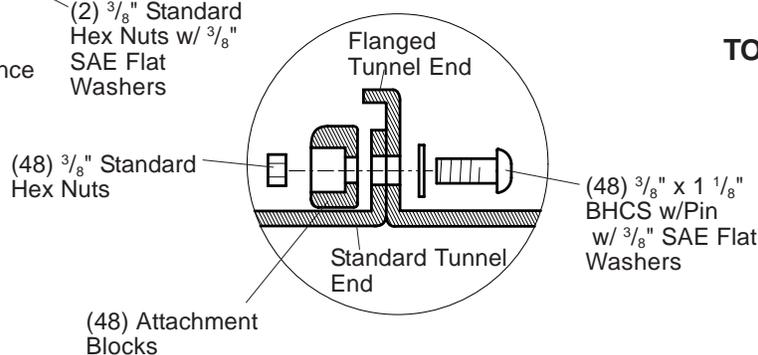
**DETAIL
 HEAD ATTACHMENT**



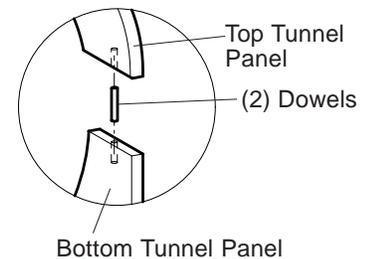
**DETAIL
 POST ATTACHMENT**



**DETAIL
 TUNNEL ASSEMBLY**



**DETAIL
 TOP PANEL ATTACHMENT**



Sensory Play 120418 Wiggle Worm Crawl Tunnel

| Part# | Description | Qty. |
|---------------------------------|---|------|
| Wiggle Worm With Head | | |
| 120358-00 | 30° Flanged Tunnel Sect. w/Holes, Specify Color | 4 |
| 129661-00 | Exit Tunnel Section, Specify Color | 1 |
| 159746-00 | RH Head Panel, LOD, Specify Color | 1 |
| 119889-00 | RH Head Panel, DOL, Specify Color | 1 |
| 159748-00 | LH Head Panel, LOD, Specify Color | 1 |
| 120359-00 | LH Head Panel, DOL, Specify Color | 1 |
| 120047-00 | Top Tunnel Panel, Specify Color | 1 |
| 108927-00 | Bottom Tunnel Panel, Specify Color | 1 |
| 111380-00 | Slant Entrance Support (DB), Specify Color | 1 |
| 102807-00 | Slant Entrance Support (SM), Specify Color | 1 |
| 120170-00 | Post (DB), Specify Color | 2 |
| 120176-00 | Post (SM), Specify Color | 2 |
| 103235-00 | End Panel Support (DB), Specify Color | 2 |
| 106187-00 | Angle (SM), SST | 2 |
| 133047-00 | Attachment Block, Specify Color | 48 |
| 137543-00 | Wiggle Worm Hardware Package | 1 |
| 100195-00 | 3/8" x 5/8" BHCS w/Pin, SST | 8 |
| 100196-00 | 3/8" x 7/8" BHCS w/Pin, SST | 16 |
| 100198-00 | 3/8" x 1 1/8" BHCS w/Pin, SST | 48 |
| 100327-00 | 3/8" Standard Hex Nut, SST | 50 |
| 100353-00 | 3/8" Flange Nut w/Pin, SST | 28 |
| 100365-00 | 3/8" SAE Flat Washer, SST | 62 |
| 100173-00 | 3/8" x 2" BHCS, SST | 6 |
| 105207-00 | Aluminum Angle | 4 |
| 109527-00 | Dowel | 2 |
| 156845-00 | Play Safe Label, 2-5 Yrs. | 1 |
| 111391-00 | 2 Hole (SM) Hardware Package | 4 |
| 100263-00 | 3/8" x 2 3/4" Expansion Anchor | 8 |
| 100327-00 | 3/8" Standard Hex Nut, SST | 8 |
| 100362-00 | 3/8" Flat Washer, SST | 8 |
| Wiggle Worm Without Head | | |
| 120358-00 | 30° Flanged Tunnel Sect. w/Holes, Specify Color | 4 |
| 129661-00 | Exit Tunnel Section, Specify Color | 1 |
| 108921-00 | Top Tunnel Panel, Specify Color | 1 |
| 108927-00 | Bottom Tunnel Panel, Specify Color | 1 |
| 111380-00 | Slant Entrance Support (DB), Specify Color | 1 |
| 102807-00 | Slant Entrance Support (SM), Specify Color | 1 |
| 103235-00 | End Panel Support (DB), Specify Color | 2 |
| 106187-00 | Angle (SM), SST | 2 |
| 133047-00 | Attachment Block, Specify Color | 48 |
| 137544-00 | Wiggle Worm Hardware Package | 1 |
| 100195-00 | 3/8" x 5/8" BHCS w/Pin, SST | 2 |
| 100196-00 | 3/8" x 7/8" BHCS w/Pin, SST | 16 |
| 100198-00 | 3/8" x 1 1/8" BHCS w/Pin, SST | 48 |
| 100327-00 | 3/8" Standard Hex Nut, SST | 50 |
| 100353-00 | 3/8" Flange Nut w/Pin, SST | 14 |
| 100365-00 | 3/8" SAE Flat Washer, SST | 62 |
| 109527-00 | Dowel | 2 |
| 156845-00 | Play Safe Label, 2-5 Yrs. | 1 |
| 111391-00 | 2 Hole (SM) Hardware Package | 2 |
| 100263-00 | 3/8" x 2 3/4" Expansion Anchor | 4 |
| 100327-00 | 3/8" Standard Hex Nut, SST | 4 |
| 100362-00 | 3/8" Flat Washer, SST | 4 |

DB = Direct Bury
SM = Surface Mount

Specifications

Entrance Support: Weldment comprised of 1.900" O.D. RS-20 (.090" - .100") galvanized steel tubing and formed 1/4" x 4" HRS flat. Finish: Powdercoat, color specified.

Permalene Panel: Two color, color specified.

Specifications are subject to change without notice.

Posts: Weldment comprised of 1.660" O.D. RS-20 (.085" - .095") galvanized steel tubing and 1 1/2" diameter top cap. Finish: Powdercoat, color specified.

Panel Supports: Fabricated from 1/4" x 2 1/2" HR flat bar. Finish: Powdercoat, color specified.

Tunnel Section: Rotationally molded from U.V. stabilized linear low-density polyethylene, color specified.

Attachment Blocks: U.V. stabilized high-density polyethylene, color specified.

Fasteners: Primary fasteners shall be socketed and pinned tamperproof in design, stainless steel (SST) per ASTM F 879 unless otherwise indicated (see specific product installation/specifications).

Installation Time: With Head Approx. 5 man hours
Without Head Approx. 4 man hours

Concrete Req.: With Head Approx. 7.5 cu. ft.
Without Head Approx. 4.5 cu. ft.

Area Required: With Head - 22'-2 1/2" x 14'-5 1/2" (6,76 m x 4,40 m)

Without Head - 19'-11 3/4" x 14'-4" (6,08 m x 4,37 m)

Actual Size: With Head - 2'-5 1/2" wide x 10'-2 1/2" long 3'-6" high

(0,75 m x 3,11 m x 1,07 m)

Without Head - 2'-4" wide x 7'-11 3/4" long 3'-6" high

(0,71 m x 2,41 m x 1,07 m)

Weight: SM - With Head - 180 lbs.

DB - With Head - 201 lbs.

SM - Without Head - 117 lbs.

DB - Without Head - 134 lbs.

Fall Height: 10" (0,25 m)

Installation Instructions

Wiggle Worm With Head

- (Direct Bury)** Dig footing holes spaced as shown.
- Fasten tunnel sections together using 3/8" x 1 1/8" BHCS w/pin with 3/8" SAE flat washers and attachment blocks with 3/8" standard hex nuts on regular tunnel section side. Refer to the Tunnel Section Detail.
- Insert 2" plastic dowels into tunnel bottom panel and tap in until dowels bottom in holes.
- Line up dowels with holes in tunnel top panel and press panels together. Tap together with mallet if necessary. Refer to the Top Panel Attachment Detail.
- Attach top and bottom tunnel panels to the tunnel using 3/8" x 7/8" BHCS w/pin with 3/8" SAE flat washers and 3/8" flange nuts w/pin, as shown.
- Attach slant entrance support to the exit tunnel section using 3/8" x 7/8" BHCS w/pin and 3/8" standard hex nuts with 3/8" SAE flat washers, as shown.
- Attach end panel supports to the bottom tunnel panel using 3/8" x 7/8" BHCS w/pin and 3/8" flange nuts w/pin. Refer to the Surface Mount Details.
- Drill 1/8" diameter pilot holes on bottom tunnel panel out to 9/16" diameter.
- Attach RH and LH head panels to the top and bottom tunnel panels using aluminum angles, 3/8" x 3/8" BHCS w/pin and 3/8" flange nuts w/pin. Refer to the Head Attachment Detail.
- Attach posts to the RH and LH head panels using 3/8" x 2" BHCS and 3/8" flange nuts w/pin. Refer to the Post Attachment Detail.
- (Direct Bury)** With supports plumb, pour concrete footings. Allow concrete footings to cure a minimum of 72 hours before users are allowed to play on the structure.

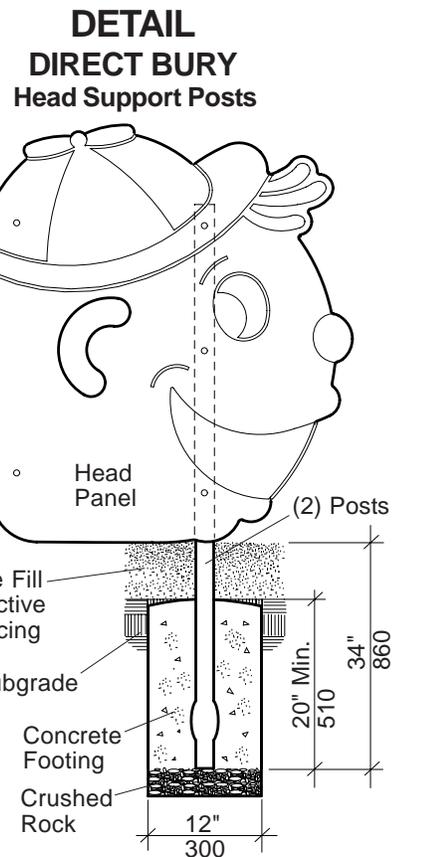
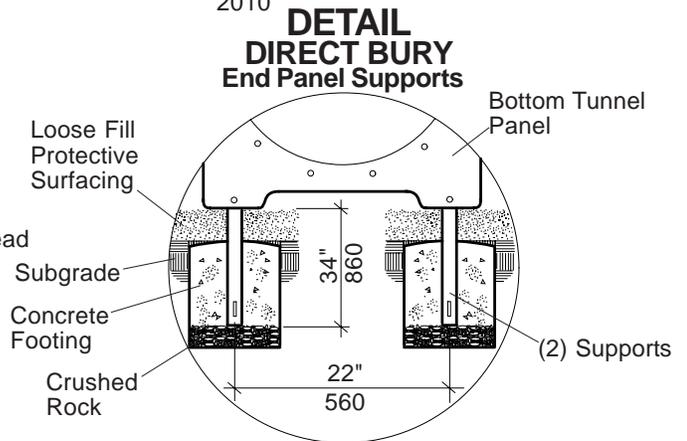
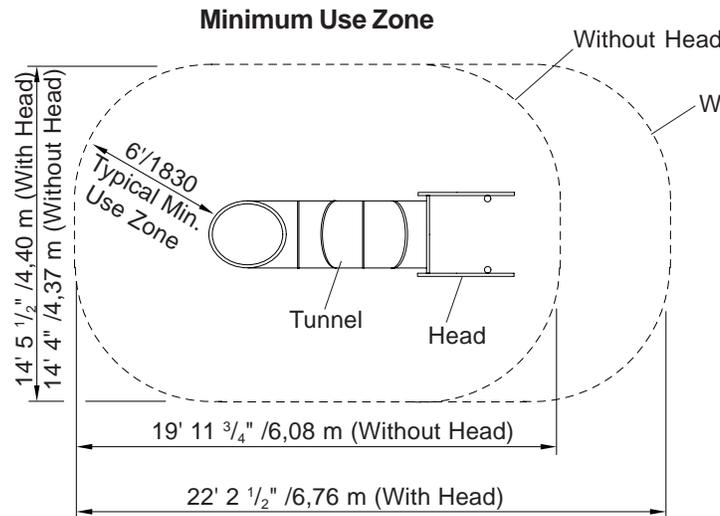
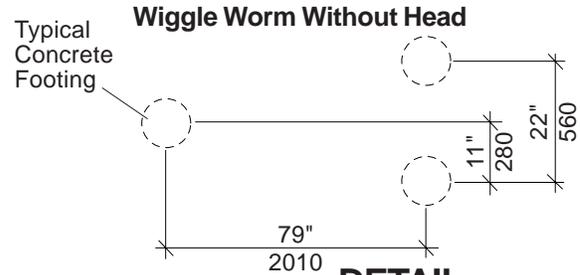
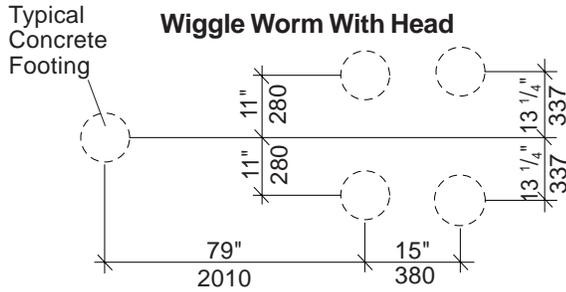
(Surface Mount) Mark holes for expansion anchors through wiggle worm support plates. Move wiggle worm aside and drill 3/8" x 3" deep holes into concrete slab on marks using hammer drill with 3/8" masonry bit. Reposition wiggle worm over drilled holes and tap 3/8" x 2 3/4" expansion anchors through holes in plates and into the concrete. Secure using 3/8" standard hex nuts with 3/8" flat washers. Refer to the Surface Mount Detail.

- Install protective surfacing before users are allowed to play on the structure.

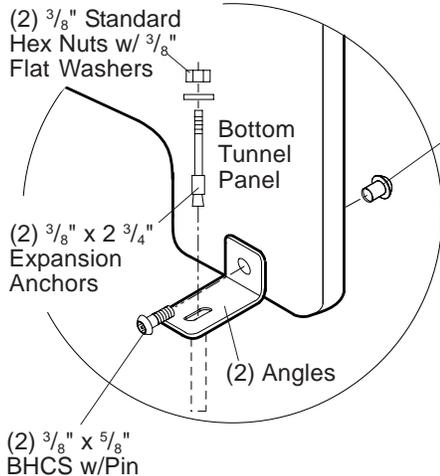
Wiggle Worm Without Head

- Follow the above instructions 1, 2, 3, 4, 5, 9 and 10.

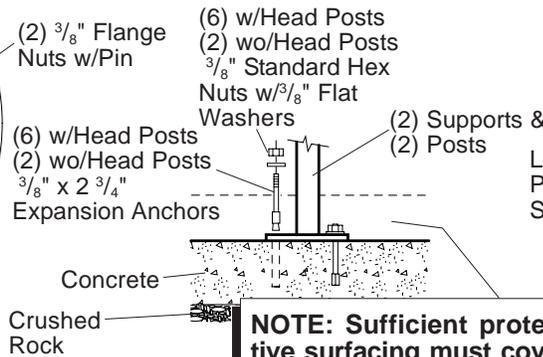
**PLAN VIEW
 FOOTING LAYOUTS/DIRECT BURY**



**DETAIL
 SURFACE MOUNT
 Bottom Tunnel Panel**



**DETAIL
 SURFACE MOUNT
 Tunnel Support & Head Posts**



NOTE: Sufficient protective surfacing must cover hardware to satisfy fall height requirements.