



State of West Virginia
 Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston WV 25305-0130

**Request for
 Quotation**

RFQ NUMBER
DNR209035

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF:
FRANK WHITTAKER 304-558-2316

VENDOR

Cunningham Associates Inc.
Box 240981
Charlotte, NC 28224

SHIP TO

DIVISION OF NATURAL RESOURCES
 PANTHER WMA
 HC 63, BOX 923
 PANTHER, WV
 24872-9708 304-938-2252

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
09/10/2008				

BID OPENING DATE: 10/01/2008 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	LS		650-38		
<p>PLAYGROUND EQUIPMENT</p> <p>THE WEST VIRGINIA PURCHASING DIVISION, FOR THE AGENCY, THE WEST VIRGINIA DIVISION OF NATURAL RESOURCES, IS SOLICITING BIDS FOR PLAYGROUND EQUIPMENT AND ENGINEERED WOOD FIBER FOR THE PANTHER WILDLIFE MANAGEMENT AREA PER THE ATTACHED SPECIFICATIONS.</p> <p>THE AGENCY WILL CONDUCT A SITE WALK THROUGH ON 09/23/08 AT 10:00 AM. IT IS THE VENDOR'S RESPONSIBILITY TO BE FAMILIAR WITH THE PROPOSED PAYGROUND SITE.</p> <p>BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THIS CONTRACT MAY BE DEEMED NULL AND VOID, AND TERMINATED WITHOUT FURTHER ORDER.</p> <p>THE MODEL/BRAND/SPECIFICATIONS NAMED HEREIN ESTABLISH THE ACCEPTABLE LEVEL OF QUALITY ONLY AND ARE NOT INTENDED TO REFLECT A PREFERENCE OR FAVOR ANY PARTICULAR BRAND OR VENDOR. VENDORS WHO ARE BIDDING ALTERNATES SHOULD SO STATE AND INCLUDE PERTINENT LITERATURE AND SPECIFICATIONS. FAILURE TO PROVIDE INFORMATION FOR ANY ALTERNATES MAY BE GROUNDS FOR REJECTION OF THE BID. THE STATE RESERVES THE RIGHT TO WAIVE MINOR IRREGULARITIES IN BIDS OR SPECIFICATIONS IN ACCORDANCE WITH SECTION 148-1-4(F) OF THE WEST VIRGINIA LEGISLATIVE RULES AND REGULATIONS.</p> <p>VENDOR PREFERENCE CERTIFICATE</p> <p>CERTIFICATION AND APPLICATION* IS HEREBY MADE FOR</p>						

RECEIVED
 08 OCT -1 AM 10:11
 PURCHASING DIVISION
 STATE OF WV

SEE REVERSE SIDE FOR TERMS AND CONDITIONS			
SIGNATURE	TELEPHONE	DATE	
	800-438-2780	9/29/08	
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE	
Project Manager			

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

**GENERAL TERMS & CONDITIONS
REQUEST FOR QUOTATION (RFQ) AND REQUEST FOR PROPOSAL (RFP)**

1. Awards will be made in the best interest of the State of West Virginia.
2. The State may accept or reject in part, or in whole, any bid.
3. All quotations are governed by the *West Virginia Code* and the *Legislative Rules* of the Purchasing Division.
4. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125 fee.
5. All services performed or goods delivered under State Purchase Order/Contracts are to be continued for the term of the Purchase Order/Contracts, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods, this Purchase Order/Contract becomes void and of no effect after June 30.
6. Payment may only be made after the delivery and acceptance of goods or services.
7. Interest may be paid for late payment in accordance with the *West Virginia Code*.
8. Vendor preference will be granted upon written request in accordance with the *West Virginia Code*.
9. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
10. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
11. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern all rights and duties under the Contract, including without limitation the validity of this Purchase Order/Contract.
12. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
13. **BANKRUPTCY:** In the event the vendor/contractor files for bankruptcy protection, this Contract may be deemed null and void, and terminated without further order.
14. **HIPAA BUSINESS ASSOCIATE ADDENDUM:** The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, and available online at the Purchasing Division's web site (<http://www.state.wv.us/admin/purchase/vrc/hipaa.htm>) is hereby made part of the agreement. Provided that, the Agency meets the definition of a Cover Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.
15. **WEST VIRGINIA ALCOHOL & DRUG-FREE WORKPLACE ACT:** If this Contract constitutes a public improvement construction contract as set forth in Article 1D, Chapter 21 of the West Virginia Code ("The West Virginia Alcohol and Drug-Free Workplace Act"), then the following language shall hereby become part of this Contract: "The contractor and its subcontractors shall implement and maintain a written drug-free workplace policy in compliance with the West Virginia Alcohol and Drug-Free Workplace Act, as set forth in Article 1D, Chapter 21 of the West Virginia Code. The contractor and its subcontractors shall provide a sworn statement in writing, under the penalties of perjury, that they maintain a valid drug-free work place policy in compliance with the West Virginia and Drug-Free Workplace Act. It is understood and agreed that this Contract shall be cancelled by the awarding authority if the Contractor: 1) Fails to implement its drug-free workplace policy; 2) Fails to provide information regarding implementation of the contractor's drug-free workplace policy at the request of the public authority; or 3) Provides to the public authority false information regarding the contractor's drug-free workplace policy."

INSTRUCTIONS TO BIDDERS

1. Use the quotation forms provided by the Purchasing Division.
2. **SPECIFICATIONS:** Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as **EQUAL** to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications.
3. Complete all sections of the quotation form.
4. Unit prices shall prevail in case of discrepancy.
5. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
6. **BID SUBMISSION:** All quotations must be delivered by the bidder to the office listed below prior to the date and time of the bid opening. Failure of the bidder to deliver the quotations on time will result in bid disqualifications: Department of Administration, Purchasing Division, 2019 Washington Street East, P.O. Box 50130, Charleston, WV 25305-0130



State of West Virginia
 Department of Administration
 Purchasing Division
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ADDRESS CORRESPONDENCE TO ATTENTION OF:
**FRANK WHITTAKER
 304-558-2316**

VENDOR

RFQ COPY
 TYPE NAME/ADDRESS HERE

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 PANTHER, WV
 24872-9708 304-938-2252

DATE PRINTED 09/10/2008	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
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BID OPENING DATE: **10/01/2008** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>PREFERENCE IN ACCORDANCE WITH WEST VIRGINIA CODE, 5A-3-37 (DOES NOT APPLY TO CONSTRUCTION CONTRACTS).</p> <p>A. APPLICATION IS MADE FOR 2.5% PREFERENCE FOR THE REASON CHECKED:</p> <p>() BIDDER IS AN INDIVIDUAL RESIDENT VENDOR AND HAS RESIDED CONTINUOUSLY IN WEST VIRGINIA FOR FOUR (4) YEARS IMMEDIATELY PRECEDING THE DATE OF THIS CERTIFICATION; OR</p> <p>() BIDDER IS A PARTNERSHIP, ASSOCIATION OR CORPORATION RESIDENT VENDOR AND HAS MAINTAINED ITS HEAD-QUARTERS OR PRINCIPAL PLACE OF BUSINESS CONTINUOUSLY IN WEST VIRGINIA FOR FOUR (4) YEARS IMMEDIATELY PRECEDING THE DATE OF THIS CERTIFICATION; OR 80% OF THE OWNERSHIP INTEREST OF BIDDER IS HELD BY ANOTHER INDIVIDUAL, PARTNERSHIP, ASSOCIATION OR CORPORATION RESIDENT VENDOR WHO HAS MAINTAINED ITS HEADQUARTERS OR PRINCIPAL PLACE OF BUSINESS CONTINUOUSLY IN WEST VIRGINIA FOR FOUR (4) YEARS IMMEDIATELY PRECEDING THE DATE OF THIS CERTIFICATION; OR</p> <p>() BIDDER IS A CORPORATION NONRESIDENT VENDOR WHICH HAS AN AFFILIATE OR SUBSIDIARY WHICH EMPLOYS A MINIMUM OF ONE HUNDRED STATE RESIDENTS AND WHICH HAS MAINTAINED ITS HEADQUARTERS OR PRINCIPAL PLACE OF BUSINESS WITHIN WEST VIRGINIA CONTINUOUSLY FOR THE FOUR (4) YEARS IMMEDIATELY PRECEDING THE DATE OF THIS CERTIFICATION.</p> <p>B. APPLICATION IS MADE FOR 2.5% PREFERENCE FOR THE REASON CHECKED:</p> <p>() BIDDER IS A RESIDENT VENDOR WHO CERTIFIES THAT, DURING THE LIFE OF THE CONTRACT, ON AVERAGE AT LEAST</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>[Signature]</i>	TELEPHONE 800-438-2780	DATE 9/29/08
TITLE Project Manager	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE

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75% OF THE EMPLOYEES WORKING ON THE PROJECT BEING BID ARE RESIDENTS OF WEST VIRGINIA WHO HAVE RESIDED IN THE STATE CONTINUOUSLY FOR THE TWO YEARS IMMEDIATELY PRECEDING SUBMISSION OF THIS BID;
 OR
 () BIDDER IS A NONRESIDENT VENDOR EMPLOYING A MINIMUM OF ONE HUNDRED STATE RESIDENTS OR IS A NONRESIDENT VENDOR WITH AN AFFILIATE OR SUBSIDIARY WHICH MAINTAINS ITS HEADQUARTERS OR PRINCIPAL PLACE OF BUSINESS WITHIN WEST VIRGINIA EMPLOYING A MINIMUM OF ONE HUNDRED STATE RESIDENTS WHO CERTIFIES THAT, DURING THE LIFE OF THE CONTRACT, ON AVERAGE AT LEAST 75% OF THE EMPLOYEES OR BIDDERS' AFFILIATE'S OR SUBSIDIARY'S EMPLOYEES ARE RESIDENTS OF WEST VIRGINIA WHO HAVE RESIDED IN THE STATE CONTINUOUSLY FOR THE TWO YEARS IMMEDIATELY PRECEDING SUBMISSION OF THIS BID.

BIDDER UNDERSTANDS IF THE SECRETARY OF TAX & REVENUE DETERMINES THAT A BIDDER RECEIVING PREFERENCE HAS FAILED TO CONTINUE TO MEET THE REQUIREMENTS FOR SUCH PREFERENCE, THE SECRETARY MAY ORDER THE DIRECTOR OF PURCHASING TO: (A) RESCIND THE CONTRACT OR PURCHASE ORDER ISSUED; OR (B) ASSESS A PENALTY AGAINST SUCH BIDDER IN AN AMOUNT NOT TO EXCEED 5% OF THE BID AMOUNT AND THAT SUCH PENALTY WILL BE PAID TO THE CONTRACTING AGENCY OR DEDUCTED FROM ANY UNPAID BALANCE ON THE CONTRACT OR PURCHASE ORDER.

BY SUBMISSION OF THIS CERTIFICATE, BIDDER AGREES TO DISCLOSE ANY REASONABLY REQUESTED INFORMATION TO THE PURCHASING DIVISION AND AUTHORIZES THE DEPARTMENT OF TAX AND REVENUE TO DISCLOSE TO THE DIRECTOR OF PURCHASING APPROPRIATE INFORMATION VERIFYING THAT BIDDER HAS PAID THE REQUIRED BUSINESS TAXES, PROVIDED THAT SUCH INFORMATION DOES NOT CONTAIN THE AMOUNTS OF TAXES PAID NOR ANY OTHER INFORMATION DEEMED BY THE TAX

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
<i>[Signature]</i>	800-438-2780	9/29/08
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE
Project Manager		

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<p>COMMISSIONER TO BE CONFIDENTIAL.</p> <p>UNDER PENALTY OF LAW FOR FALSE SWEARING (WEST VIRGINIA CODE 61-5-3), BIDDER HEREBY CERTIFIES THAT THIS CERTIFICATE IS TRUE AND ACCURATE IN ALL RESPECTS; AND THAT IF A CONTRACT IS ISSUED TO BIDDER AND IF ANYTHING CONTAINED WITHIN THIS CERTIFICATE CHANGES DURING THE TERM OF THE CONTRACT, BIDDER WILL NOTIFY THE PURCHASING DIVISION IN WRITING IMMEDIATELY.</p> <p>BIDDER: <u>GameTime c/o Cunningham Associates</u></p> <p>DATE: <u>9/29/08</u></p> <p>SIGNED: <u>[Signature]</u></p> <p>TITLE: <u>Project Manager</u></p> <p>* CHECK ANY COMBINATION OF PREFERENCE CONSIDERATION(S) IN EITHER "A" OR "B", OR BOTH "A" AND "B" WHICH YOU ARE ENTITLED TO RECEIVE. YOU MAY REQUEST UP TO THE MAXIMUM 5% PREFERENCE FOR BOTH "A" AND "B". (REV. 12/00)</p> <p>NOTICE</p> <p>A SIGNED BID MUST BE SUBMITTED TO:</p> <p>DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS			
SIGNATURE <u>[Signature]</u>	TELEPHONE <u>800-478-2780</u>	DATE <u>9/29/08</u>	
TITLE <u>Project Manager</u>	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE	

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LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:</p> <p>SEALED BID</p> <p>BUYER: 44</p> <p>RFQ. NO.: DNR209035</p> <p>BID OPENING DATE: 10/01/2008</p> <p>BID OPENING TIME: 1:30 AM</p> <p>PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID:</p> <p>-----</p> <p>CONTACT PERSON (PLEASE PRINT CLEARLY):</p> <p>-----</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>JRL</i>	TELEPHONE 800-438-2780	DATE 9/29/08
TITLE Project Manager	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE

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PANTHER WILDLIFE MANAGEMENT AREA PLAYGROUND SPECIFICATIONS – CONTD.

All playground equipment and engineered wood fiber must meet the following requirements:

- Compliance with U.S. Consumer Product Safety Commission, Handbook for Public Playground Safety.
- Compliance with ASTM Standard F 1487.
- Compliance with Architectural and Transportation Barriers Compliance Board, Americans with Disabilities Act (ADA) Accessibility Guidelines for Buildings and Facilities; Play Areas.

Vendors must submit the following attachments:

- Complete manufacturer's parts specifications and warranties.
- Layout drawing to scale of the proposed play structure or equipment.
- ASTM and CPSC Statement of Compliance

Additionally, all playground equipment should have UV protection on all rotational molded plastics and all vinyl coatings on posts, handrails, and roofs should have anti-microbial agents.

Warranties:

- All equipment and engineered wood fiber must be guaranteed to be free of defects in workmanship and material for a minimum of one year from date of acceptance. However, if manufacturer warranty periods are longer than the required minimum one year warranty, those warranties shall apply.

Owner will conduct site walk through on (date) at (time) for interested parties.

Item No	Quantity	Description	Unit Price	Amount
		To supply playground equipment at Panther Wildlife Management Area, Panther, West Virginia to offer play activities for children ages 5 to 12. Park personnel will install all playground equipment.		
1	4	Miracle, two bay, four-seat swing, Model # 29195, or equal, minimum of 8'high top rail constructed of approximately 2-3/8" tube, legs constructed of approximately 2" pipe, yokes constructed of approximately 2-1/2" Sch 40 pipe with solid weld, fastener style A hardware, belt seats, and galvanized finish.		\$ 5,381.72
2	4	Miracle, The Whirl (merry-go-round), Model # 303, or equal, four u-shaped handrails atop a deck assembly that spins on a center hub, speed governing device shall be concealed and activated by centrifugal force, fastener style A hardware, brown and hunter green in color.		\$ 9,350.16
3	1	Miracle, Grove Slide, Model # 65-727-6, or equal, approximately 13' long, pvc steps, freestanding, rockite slide, minimum of 6'-6" height enclosed platform, sit-down canopy, pvc-coated steel steps with handrails, fastener style A hardware, Mira-Therm and Mira-Cote finish, brown, sand, and hunter green in color.		\$ 1,975.28
4	1	Miracle, Mogul Slide, Model # 65-726-8, or equal, approximately 16' long, freestanding rockite slide, 8' height enclosed platform, sit-down canopy, pvc-coated steel steps with handrails, fastener style A hardware, Mira-Therm and Mira-Cote finish, brown, sand and hunter green in color.		\$ 2,468.24
5	2	Miracle, 405° Typhoon Slide, one-piece, Model # 65-749, or equal, freestanding, spiral, one-piece, open bedway, minimum of 6'-3" height enclosed platform, pvc-coated steel steps with handrails, fastener style A hardware, Mira-Therm and Mira-Cote finish, brown, sand and hunter green in color.		\$ 7,420.86
6	1	Miracle, Peak Climber, 3-way with handrails, Model # 458-3, or equal, freestanding climber with center post with ground-mounted inclined rails containing a series of welded "U" loops on underside, fastener style A hardware, a Mira-Cote finish, brown and sand in color.		\$ 1,300.16

Item No	Quantity	Description	Unit Price	Amount
7	1	Miracle, Tarantula Climber, Model # 456-1, or equal, a horizontal top ring of two rails with rugs, four vertical support legs attached to ring's inner rail and four vertical climber ladder assemblies attached to ring's outer rail, a Mira-Cote finish, hunter green in color.		\$ 1,744.75
8	9,070 Sq. Ft.	Certified engineered wood fiber.		\$ 6,862.50
9	1	F.O.B. Destination. Freight and/or delivery charges are to be included in the price of the goods. Delivery should be made within ninety (90) days of purchase order award.	TOTAL	\$ 3,278.98

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

VENDOR OWING A DEBT TO THE STATE:

West Virginia Code §5A-3-10a provides that: No contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and the debt owed is an amount greater than one thousand dollars in the aggregate.

PUBLIC IMPROVEMENT CONTRACTS & DRUG-FREE WORKPLACE ACT:

West Virginia Code §21-1D-5 provides that: Any solicitation for a public improvement construction contract shall require each vendor that submits a bid for the work to submit at the same time an affidavit that the vendor has a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the West Virginia Code. A public improvement construction contract may not be awarded to a vendor who does not have a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the West Virginia Code and who has not submitted that plan to the appropriate contracting authority in timely fashion. For a vendor who is a subcontractor, compliance with Section 5, Article 1D, Chapter 21 of the West Virginia Code may take place before their work on the public improvement is begun.

ANTITRUST:

In submitting a bid to any agency for the state of West Virginia, the bidder offers and agrees that if the bid is accepted the bidder will convey, sell, assign or transfer to the state of West Virginia all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the state of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the state of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to the bidder.

I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership or person or entity submitting a bid for the same materials, supplies, equipment or services and is in all respects fair and without collusion or fraud. I further certify that I am authorized to sign the certification on behalf of the bidder or this bid.

LICENSING:

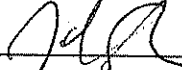
Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission, or any other state agencies or political subdivision. Furthermore, the vendor must provide all necessary releases to obtain information to enable the Director or spending unit to verify that the vendor is licensed and in good standing with the above entities.

CONFIDENTIALITY:

The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures and rules. Vendors should visit www.state.wv.us/admin/purchase/privacy for the Notice of Agency Confidentiality Policies.

Under penalty of law for false swearing (West Virginia Code §61-5-3), it is hereby certified that the vendor acknowledges the information in this said affidavit and is in compliance with the requirements as stated.

Vendor's Name: GameTime c/o Cunningham Associates

Authorized Signature:  Date: 7/27/08



**CUNNINGHAM
ASSOCIATES INC.**
Park & Playground Products

Panther Park Proposal

Quote Number: 58379

Quote Date: 9/29/2008

West Virginia State Parks
Attn: Frank Whitaker
RR 3/2 Panthers Creek Road
P.O. Box 287
Panther, WV 24872-0287

Stock ID	Description	Quantity	Unit Price	Amount
BONNER FIELD				
919	Whirl-Hydraulic Brake	1	\$2,337.54	\$2,337.54
P1238	3-Leg HD Mod Swing 8'Painted	1	\$615.43	\$615.43
P1239	3-LG HD Mod Add-A-Bay 8' Painted	1	\$296.40	\$296.40
1481	2 3/8" Belt Seat-Galv Chain	4	\$108.40	\$433.60
GROUP CAMP				
81733	F5 Slide w/out Arch F/S	1	\$3,710.43	\$3,710.43
919	Whirl-Hydraulic Brake	1	\$2,337.54	\$2,337.54
P1238	3-Leg HD Mod Swing 8'Painted	1	\$615.43	\$615.43
P1239	3-LG HD Mod Add-A-Bay 8' Painted	1	\$296.40	\$296.40
1481	2 3/8" Belt Seat-Galv Chain	4	\$108.40	\$433.60
SANDY BOTTOM				
919	Whirl-Hydraulic Brake	1	\$2,337.54	\$2,337.54
81738	F/S 8'Zip Slide	1	\$2,668.24	\$2,668.24
P1238	3-Leg HD Mod Swing 8'Painted	1	\$615.43	\$615.43
P1239	3-LG HD Mod Add-A-Bay 8' Painted	1	\$296.40	\$296.40
1481	2 3/8" Belt Seat-Galv Chain	4	\$108.40	\$433.60
PINE GROVE				
7068	8'Cosmix Station	1	\$1,744.75	\$1,744.75
18395	6' Wave Zip Slide, F/S	1	\$1,975.28	\$1,975.28
GEORGE'S FORK				
919	Whirl-Hydraulic Brake	1	\$2,337.54	\$2,337.54
6415	F/S Space Loop Climb	1	\$1,300.16	\$1,300.16
81733	F5 Slide w/out Arch F/S	1	\$3,710.43	\$3,710.43
P1238	3-Leg HD Mod Swing 8'Painted	1	\$615.43	\$615.43
P1239	3-LG HD Mod Add-A-Bay 8' Painted	1	\$296.40	\$296.40
1481	2 3/8" Belt Seat-Galv Chain	4	\$108.40	\$433.60
EWF	Engineered Wood Fiber @ 8" Compacted Depth	9070	\$0.75	\$6,802.50

Total Amount: Continued



**CUNNINGHAM
ASSOCIATES INC.**
Park & Playground Products

Panther Park Proposal

Quote Number: 58379

Quote Date: 9/29/2008

West Virginia State Parks
Attn: Frank Whitaker
RR 3/2 Panthers Creek Road
P.O. Box 287
Panther, WV 24872-0287

Site must be level and free of obstructions. Materials only quotation.

SubTotal:	\$36,643.67
Material Surcharge:	\$2,695.53
Freight:	\$3,278.98
Total Amount:	\$42,618.18

Prices are firm for 30 days. Order shipped 30-45 days ARO unless otherwise noted. It is the responsibility of the owner to offload and inventory equipment, unless other arrangements have been made. Acceptance of this quote indicates your agreement to Gametime's terms which is net 30 days for shipping with approved credit. A signed P.O. made out to Gametime C/O Cunningham Associates, Inc. or this signed quotation is required for all orders. Please call (800) 438-2780 if you have any questions, fax (704) 525-7356.

Salesman's Signature

Customer's Signature

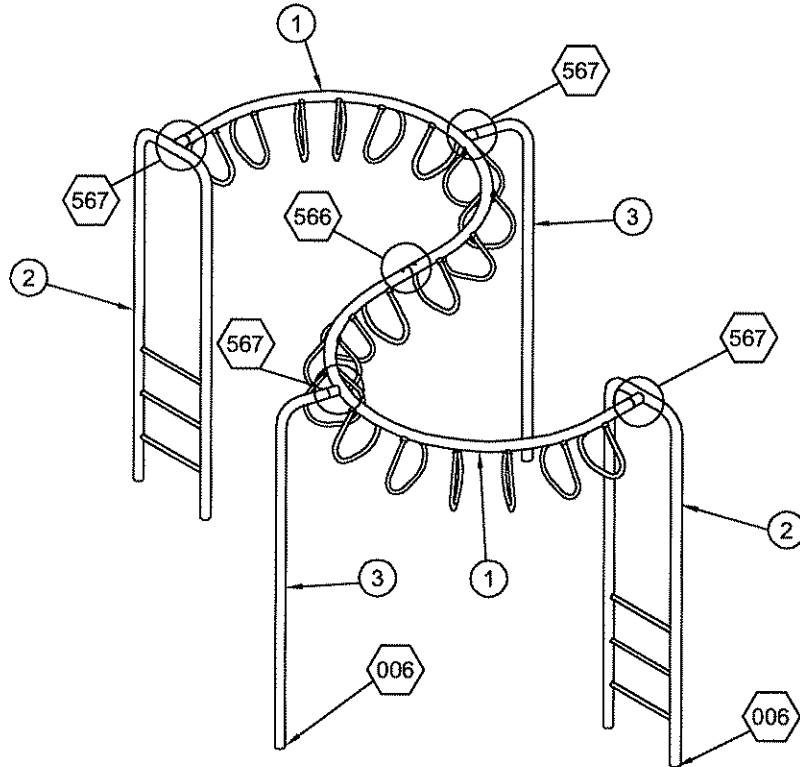


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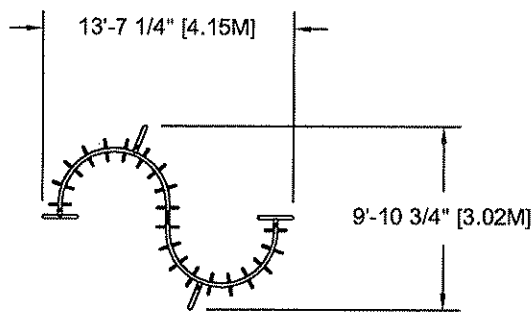
6415 SPACE LOOP CLIMB

ISSUED/REVISED: 05/30/06

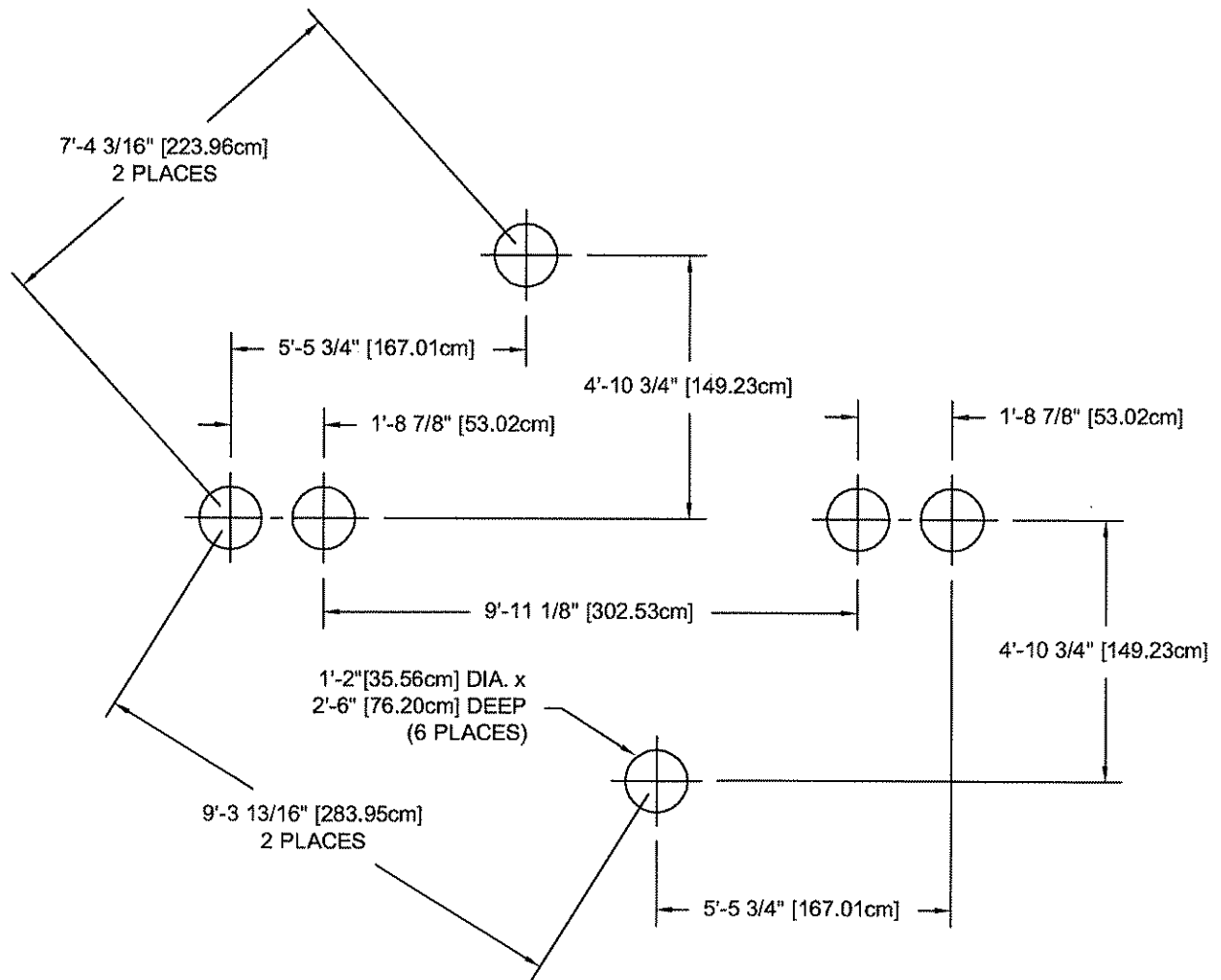
-  = INSTALLATION
DETAIL
-  = PARTS LIST
REFERENCE



ASSEMBLY DRAWING



TOP VIEW

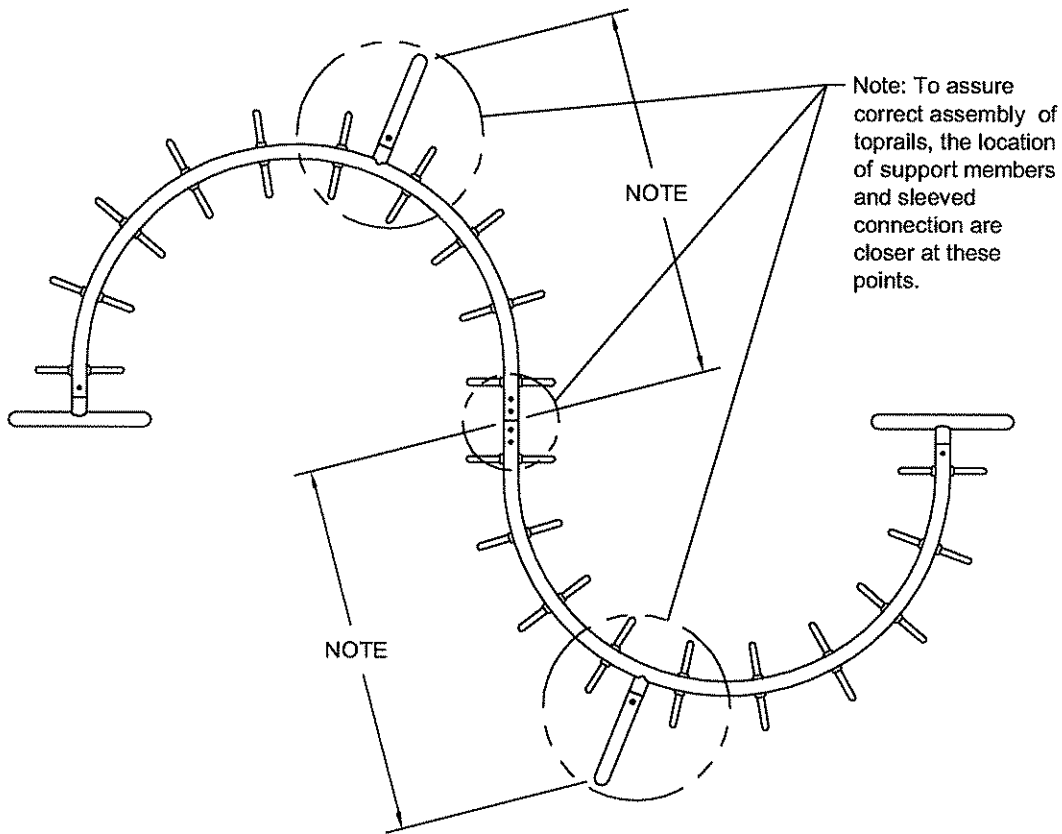


GROUND PLAN

NOTES:

CONCRETE REQUIREMENT: .36 CUBIC YARDS [.27 CUBIC METERS]

HOLE DEPTHS INDICATED ON ALL GROUND PLANS ARE MEASURED FROM THE FINISHED SURFACE. SEE DETAIL 006. ALL FOOTING DIMENSIONS ARE BASED ON LEVEL FINISHED SURFACE.



Note: To assure correct assembly of top rails, the location of support members and sleeved connection are closer at these points.

PLAN VIEW



IMPORTANT PRODUCT INFORMATION AND SAFETY WARNINGS



- All equipment should be installed on a soft, resilient, energy-absorbing ground surface. NEVER INSTALL PLAY EQUIPMENT ON CONCRETE OR ASPHALT. A fall on a hard surface can result in serious injury to the equipment user.
- ALWAYS FOLLOW INSTALLATION INSTRUCTIONS WHEN ERECTING EQUIPMENT.
- Worn surfaces around equipment should be restored. Concrete footings should never be exposed. Surface depth should comply with installation instructions.
- Equipment should be placed to eliminate conflicting traffic patterns.
- All protruding nuts and bolts should be covered; sharp edges on pipes should be capped or removed. Check for bent, broken or severely worn pipe and replace.
- Test overall stability and rigidity of all play equipment. Check for proper assembly, installation and ground anchoring.
- Check for and repair damage caused by wear or vandalism, a major factor in injury-causing situations.
- GAMETIME® PROVIDES ITS CUSTOMERS WITH COMPLETE SPECIFICATION SHEETS AND INSTALLATION INSTRUCTIONS. THE SPECIFICATION SHEET CONTAINS THE LISTING OF EVERY PART USED IN A PIECE OF EQUIPMENT AND SHOULD BE KEPT IN THE CUSTOMER'S FILES FOR ACCURATE REFERENCE WHEN REPLACEMENT PARTS ARE NEEDED.
- Never add components not intended for use with this product.
- Regular maintenance is necessary on this and all park and recreational equipment to ensure the safety of the user.
- Proper maintenance of GAMETIME® equipment requires regular tightening of all bolts, nuts, and set screws.
- Check to be sure all fittings are tight and that the bars and pipes do not move.
- A soft, resilient surface should be placed under all climbers, extending at least six feet in all directions surrounding the climbers. NEVER INSTALL PLAY EQUIPMENT ON CONCRETE OR ASPHALT.

SPECIFICATIONS

TOPRAIL ASSEMBLY: Shall be an all welded construction of 2-3/8" O.D. x .134" (10 gauge) wall galvanized tubing. Loops are fabricated from 1-1/16" O.D. x .072" (15 gauge) wall galvanized steel tubing.

SUPPORT ARMS AND LADDER ASSEMBLIES: All welded construction of formed 2-3/8" O.D. x .095" (13 gauge) wall galvanized tubing. Ladder cross rungs are 1-1/16" O.D. x .072" (15 gauge) wall galvanized steel tubing.

FINISH: All components shall have a powder coat finish.

HARDWARE: All nuts, bolts, screws, inserts, and lockwashers used in the assembly of all play equipment, shall be stainless steel, yellow dichromate plated steel, blue-coat plated steel, mechanically galvanized or powder coated/yellow dichromate plated steel. All primary fasteners shall

SPECIFICATIONS: GAMETIME® has a policy of continuous improvement and reserves the right to discontinue or change specifications without notice.

INSTALLATION INSTRUCTIONS

NOTE: THIS SPECIFICATION BOOKLET SHOULD BE KEPT IN CUSTOMER'S FILE FOR FUTURE REFERENCE.

NOTE: Do not overtighten bolts. To overtighten may cause buckling or dimpling of some parts.

NOTE: Read installation instructions thoroughly before starting assembly. Pour concrete only after final assembly is complete. Bracing material may be required during assembly.

NOTE: Do not tighten any nuts, bolts, rods, etc. until the unit is completely assembled

STEP 1: Dig required holes as shown on Ground Plan.

NOTE: Place a brick or equivalent at the bottom of the ground holes to provide a solid foundation. Allow for this in hole depth.

STEP 2: Attach (4) 8" extensions to ladder assemblies as shown in Detail 003.

STEP 3: Place ladder assemblies and support legs in appropriate ground holes. Refer to Assembly Drawing and Plan View.

STEP 4: Connect toprail assemblies to ladder assemblies and support legs using 3/8" barrel nuts, 3/8" lockwashers, and 3/8" x 2" button head cap screws as shown in Detail 567. **NOTE: OVERSIZED HOLE IN PIPE SHOULD RECEIVE THE BOLT HEAD.**

STEP 5: Connect the (2) toprail assemblies using the connection sleeve, 3/8" barrel nuts, 3/8" lockwashers, and 3/8" x 2" button head cap screws as shown in Detail 566. **NOTE: OVERSIZED HOLE IN PIPE SHOULD RECEIVE THE BOLT HEAD.**

STEP 6: After assembly is complete, tighten all hardware and make sure unit is level. Pour concrete to within 1'-0" [30.48 cm] of ground level. See Detail 006. Allow concrete 48 hours (minimum) to harden.

NOTE: Due to extremes in weather and soil conditions, hole sizes may have to be increased to meet local conditions.

PARTS LIST

REF. NO.	DESCRIPTION	NO. REQ'D.	PART NUMBER
1	Toprail Ass'y.	2	147785
2	Ladder	2	147784
3	Support Leg	2	154017
	<i>Hardware Complete</i>	1	154018
	3/8" Lockwasher	14	817334*
	3/8" Barrel Nut	8	804804*
	Connection Sleeve	1	177021*
	Extension (8" Lg.)	4	151080*
	3/8" x 3 1/2" Hex Head Bolt	4	801013*
	3/8" Hex Nut	4	804053*
	3/8" x 2" B.H.C.S.	8	811055*

*Unless Otherwise Specified, All Units of Measure are Each
* Included in Hardware*

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly is Completed. Once Assembly is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

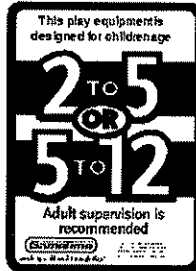


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1-800-235-2440

18393 ZIP SLIDE

ISSUED/REVISED: 12/05/07

- = INSTALLATION DETAIL
- = PARTS LIST REFERENCE

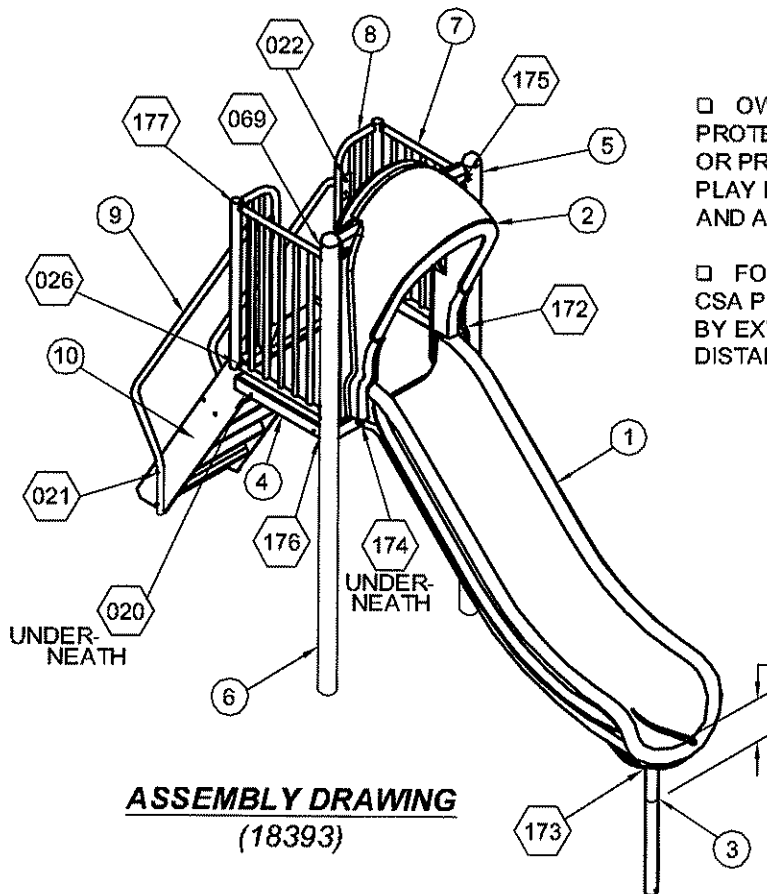


18393



18395

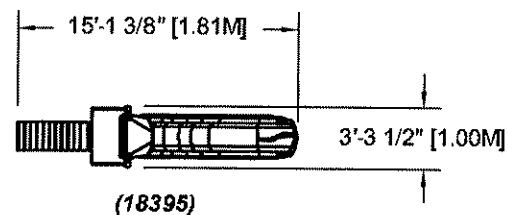
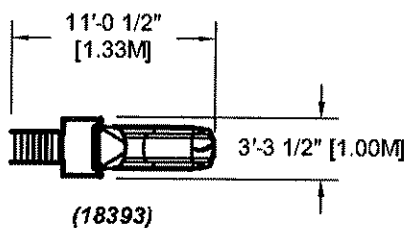
4' ZIP SLIDE 18393
6' WAVE ZIP SLIDE 18395



□ OWNER/OPERATOR SHALL INSTALL AND MAINTAIN PROTECTIVE SURFACING WITHIN THE USE ZONE (U.S.) OR PROTECTIVE SURFACING ZONE (CANADA) OF ALL PLAY EQUIPMENT TO COMPLY WITH ASTM F1292 AND ASTM F-1487 (U.S.) OR CAN/CSA-Z-614 (CANADA).

□ FOR THIS PRODUCT, THE ASTM USE ZONE AND CSA PROTECTIVE SURFACING ZONE IS DETERMINED BY EXTENDING DIMENSIONS SHOWN OUTWARDS A DISTANCE OF 6 FT. [1.8 M] IN ALL FOUR DIRECTIONS.

PART NO.	SLIDE EXIT HEIGHT
18393	0'-7" [18cm]
18395	0'-11" [28cm]



SPECIFICATIONS

PRIMETIME STEEL UPRIGHTS:

Shall be 3.5" outside diameter, 13 gauge (.095") galvanized round tubing, manufactured to ASTM A-500 Section II tolerances from cold-formed steel conforming to ASTM A-569 Sheet Spec for Steel Coil. Minimum yield strength shall be 50,000 psi and minimum tensile strength shall be 55,000 psi. The exterior surface is hot dip galvanized, chromate conversion coated, and a clear high performance organic polymer is applied. The inside diameter has 81% minimum Zinc rich primer capable of providing excellent rust protection and fabrication characteristics. All coatings are applied inside and out after welding for superior corrosion protection throughout. Exterior surface galvanizing Zinc purity is 99% as per ASTM B-6 high grade and special high grade. Galvanizing coverage shall demonstrate the ability to exceed 1000 hours salt spray corrosion exposure in accordance with ASTM B-117. Internal surface Zinc rich 81% minimum Zinc dust content in organic resin, as per ASTM F-1234, Section 5.2.4, Type D. All uprights shall have a finished grade line marking to indicate the correct playground safety surface level. All uprights shall be coated with a custom formula TGIC polyester powder coating.

DECK: The 24" x 36" rectangular deck shall be fabricated from 12 gauge (.109" thick) punched steel with a protective P&O finish. Intermediate supports are fabricated from 1/8" x 2 1/2" hot rolled steel. The deck shall be a one-piece welded assembly with an oven cured matte finish polyvinyl chloride (PVC) coating with a minimum coating thickness of .080". Deck shall be exclusively dipped utilizing the DuraWear process with an extra thick coating on the top of the deck. The PVC coating shall have a hardness of Shore A 83 +/-5 normal durometer range. This material is classed as "Self Extinguishing", meets or exceeds automotive specifications NVSS302, and contains ultraviolet inhibitors to help prolong the life of the coating.

LADDER: The ladder assembly shall be made from 11 gauge (.120" thick) punched steel. The steps and stringers shall be an all welded assembly with an oven cured matte finish polyvinyl chloride (PVC) coating with a minimum coating thickness of .080". The ladder shall be exclusively dipped utilizing the DuraWear process with an extra thick coating on the top of the deck. The PVC coating shall have a hardness of Shore A 83 +/-5 normal durometer range. This material is classed as "Self Extinguishing", meets or exceeds automotive specifications NVSS302, and contains ultraviolet inhibitors to help prolong the life of the coating. The ladder handrail shall be fabricated of 1-5/16" O.D. galvanized pipe with a powder coat finish.

BARRIER & ENTRY ENCLOSURES: The barrier enclosure shall be fabricated from 1-5/16" O.D., 14 gauge (.083") wall galvanized steel tubing. The vertical rungs shall be manufactured from 1-1/16" O.D., 15 gauge (.075") wall galvanized steel tubing. Mounting tabs shall be 1/8" hot rolled steel. The entry enclosure shall be fabricated from 1-5/16" O.D., 14 gauge (.083") wall galvanized steel

tubing. The vertical rungs shall be manufactured from 1-1/16" O.D., 15 gauge (.075") wall galvanized steel tubing. Upright post shall be 1-5/16" O.D., 14 gauge (.083") wall galvanized steel tubing, and mounting tabs shall be 1/8" hot rolled steel. Both the barrier and entry enclosures shall be one-piece welded assemblies and shall be coated with a custom formula TGIC polyester powder coating in conformance with the specifications outlined herein.

SLIDE: Zip Slides and hoods shall be color impregnated linear low-density polyethylene and shall conform to the rotationally molded specifications outlined herein with double wall construction molded to a minimum .25" wall thickness. Single bedway Zip Slides shall have a minimum inside bed width of 17.5". Outside rails are at least 7" high when measured from the centerline of the bedway surface. The angle of descent shall be no greater than 50°. Each Zip Slide works in conjunction with a rotationally molded hood that has an integrated cross bar which force users to a seated position. The exit section of the bedway shall have a minimum 40" radius for a smooth transition from the slide chute to the run-out area. The run-out shall be angled at a maximum of 4° with an integrated drain at 5° to reduce pooling of water. Zip Slides bolt directly to the deck and to the slide hood.

HARDWARE: All nuts, bolts, screws, inserts, and lockwashers used in the assembly of all play equipment, shall be stainless steel, yellow dichromate plated steel, blue-coat plated steel, mechanically galvanized or powder coated/yellow dichromate plated steel. All primary fasteners shall be 300 series stainless steel. Fasteners with yellow dichromate treatment have an electro deposited, 99.9% pure zinc substrate applied from a specially formulated solution sealed with a yellow dichromate top coat designed to work in conjunction with the zinc plating. Yellow dichromate has a 320% longer life to white corrosion and 275% longer to red corrosion than does hot-dip galvanizing.

NOTE: All weights are based on average comparisons of each part.

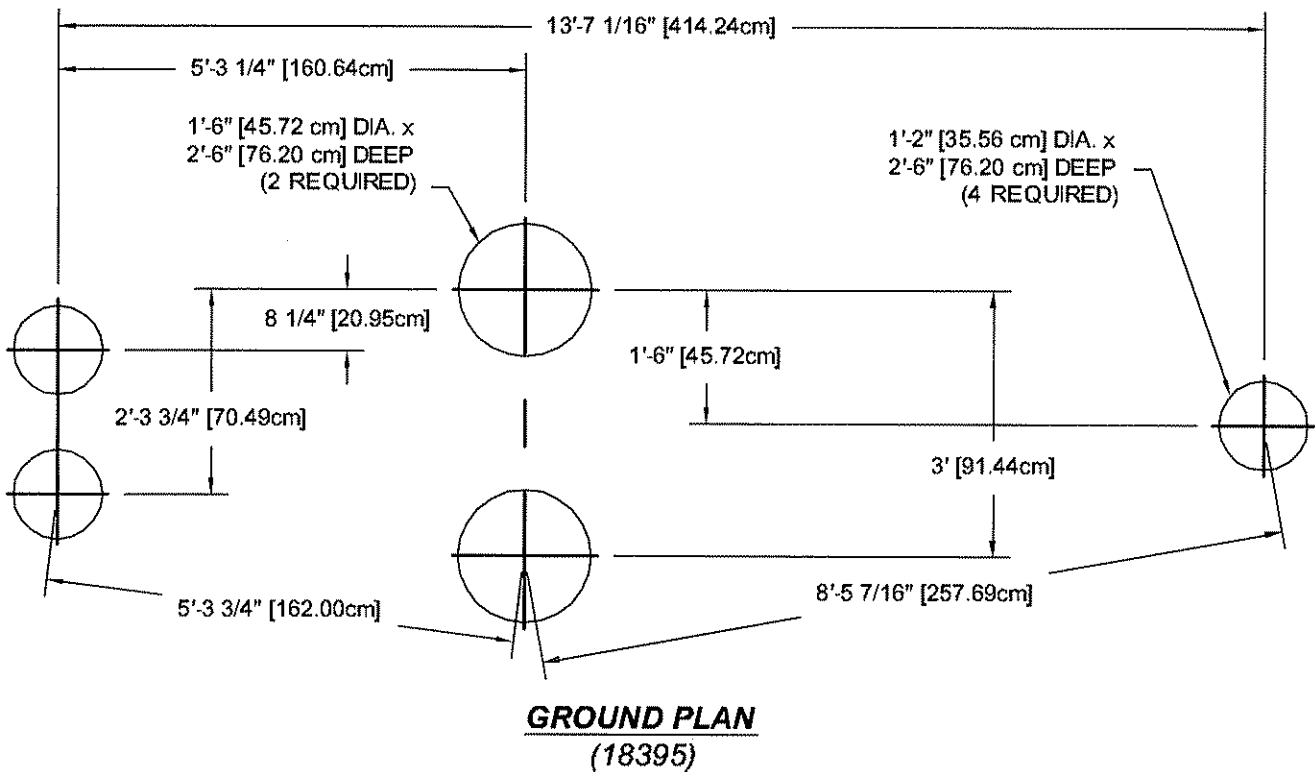
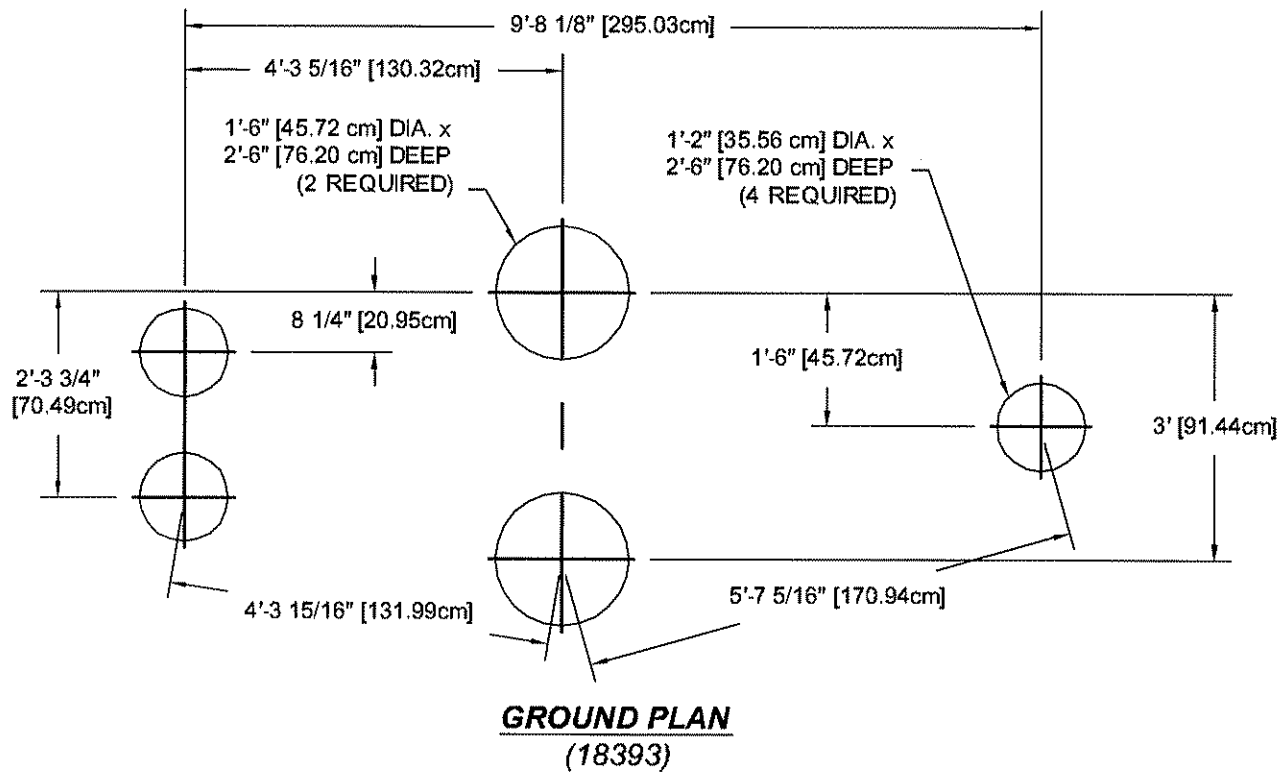
SPECIFICATIONS: GAMETIME® has a policy of continuous improvement and reserves the right to discontinue or change specifications without notice.



IMPORTANT PRODUCT INFORMATION AND SAFETY WARNINGS



- All equipment should be installed on a soft, resilient, energy-absorbing ground surface. NEVER INSTALL PLAY EQUIPMENT ON CONCRETE OR ASPHALT. A fall on a hard surface can result in serious injury to the equipment user.
- ALWAYS FOLLOW INSTALLATION INSTRUCTIONS WHEN ERECTING EQUIPMENT.
- Worn surfaces around equipment should be restored. Concrete footings should never be exposed. Surface depth should comply with installation instructions.
- Equipment should be placed to eliminate conflicting traffic patterns.
- All protruding nuts and bolts should be covered; sharp edges on pipes should be capped or removed. Check for bent, broken or severely worn pipe and replace.
- Test overall stability and rigidity of all play equipment. Check for proper assembly, installation and ground anchoring.
- Check for and repair damage caused by wear or vandalism, a major factor in injury-causing situations.
- Check to be sure all fittings are tight and that the bars and pipes do not move.
- Assemble all slides on level ground to insure proper run-off of slide bedway. The run-off portion of bedway should slope downward no more than 4 degrees.
- Check surface area around exit for erosion.
- Examine bedway, bedrails, handrails for foreign objects, holes and rough edges.
- A soft, resilient surface should be placed under all slides, extending at least six feet in all directions surrounding the slides. NEVER INSTALL PLAY EQUIPMENT ON CONCRETE OR ASPHALT.
- GAMETIME® PROVIDES ITS CUSTOMERS WITH COMPLETE SPECIFICATION SHEETS AND INSTALLATION INSTRUCTIONS. THE SPECIFICATION SHEET CONTAINS THE LISTING OF EVERY PART USED IN A PIECE OF EQUIPMENT AND SHOULD BE KEPT IN THE CUSTOMER'S FILES FOR ACCURATE REFERENCE WHEN REPLACEMENT PARTS ARE NEEDED.
- Never add components not intended for use with this product.
- Regular maintenance is necessary on this and all park and recreational equipment to ensure the safety of the user.
- Proper maintenance of GAMETIME® equipment requires regular tightening of all bolts, nuts, and set screws.



NOTES:

□ HOLE DEPTHS INDICATED ON ALL GROUND PLANS ARE MEASURED FROM THE FINISHED SURFACE. SEE DETAIL 066. ALL FOOTING DIMENSIONS ARE BASED ON LEVEL FINISHED SURFACE.

□ CONCRETE REQUIREMENT: .42 CUBIC YARDS [.32 CUBIC METERS]

INSTALLATION INSTRUCTIONS

NOTE: THIS SPECIFICATION BOOKLET SHOULD BE KEPT IN CUSTOMER'S FILE FOR FUTURE REFERENCE.

NOTE: Do not overtighten bolts. To overtighten may cause buckling or dimpling of some parts.

NOTE: Read installation instructions thoroughly before starting assembly. Pour concrete only after final assembly is complete. Bracing material may be required during assembly.

NOTE: Do not tighten any nuts, bolts, rods, etc. until the unit is completely assembled.

STEP 1: Dig holes according to Ground Plan (see Footing Detail).

STEP 2: Attach footbucks to slide using Detail 173.

STEP 3: Attach ladder to platform using Detail 020.

STEP 4: Attach ladder handrails at bottom of ladder using Detail 021.

STEP 5: Attach platform to uprights using Detail 176.

STEP 6: Place ladder, platform and uprights into proper ground holes.

STEP 7: Attach barrier enclosures to uprights using Detail 069.

STEP 8: Attach entry enclosure to barrier enclosure using Detail 177. Also, attach to platform using Detail 026.

STEP 9: Attach the ladder handrail to entry enclosure assembly using Detail 022.

STEP 10: Attach the hood to the uprights using Detail 175.

STEP 11: Place slide into position with footbuck in ground holes.

STEP 12: Attach slide to the hood using Detail 172.

STEP 13: Attach underside of slide to platform using Detail 174.

STEP 14: Level and plumb entire unit. Tighten all hardware. Pour concrete in ground holes to within 1'-0" [30.48 cm] of finish surface (see Detail 066). Sway bracing may be required during the step. Allow concrete to harden for 48 hours.

NOTE: Due to extremes in weather and soil conditions, hole sizes may have to be increased to meet local conditions.

PARTS LIST

REF NO.	DESCRIPTION	No.REQ'D		PART NUMBER
		18393	18395	
1	4' Zip Slide	1	0	176186
1	6' Wave Zip Slide	0	1	176154
2	Hood	1	1	176157
3	Footbuck	1	0	176385
3	Footbuck	0	1	176384
4	Deck Assembly	1	1	162442
5	Upright (Right)	1	0	GQ3304
5	Upright (Right)	0	1	GQ3307
6	Upright (Left)	1	0	GQ3303
6	Upright (Left)	0	1	GQ3306
7	Barrier Enclosure Assembly	2	2	176966
8	Entry Enclosure Assembly	2	2	176679
9	4' Ladder Handrail	2	0	138997
9	6' Ladder Handrail	0	2	138999
10	4' Access Ladder	1	0	163498
10	6' Access Ladder	0	1	163507
	Hardware Complete	1	0	176695
	Hardware Complete	0	1	176961
	3/8" x 3/4" B.H.C.S.	2	2	811052*
	3/8" x 1" B.H.C.S.	8	8	811050*
	3/8" x 1 1/4" B.H.C.S.	8	8	811051*
	3/8" x 1 1/2" B.H.C.S.	4	8	811053*
	3/8" x 1 3/4" B.H.C.S.	2	2	811054*
	3/8" x 2 1/2" B.H.C.S.	2	2	811057*
	3/8" x 2 3/4" B.H.C.S.	6	6	811058*
	3/8" Lockwasher	32	36	817334*
	3/8" Flatwasher	12	12	817410*
	3/8" Flatwasher (1-1/4" O.D.)	12	12	817424*
	3/8" Tee-Nut	8	12	804556*
	3/8" Acorn Nut	4	4	804002*
	3/8" Hex Nut	2	2	804053*
	Tab	2	2	169702*

Unless Otherwise Specified, All Units of Measure are Each

** Included in Hardware*

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

919

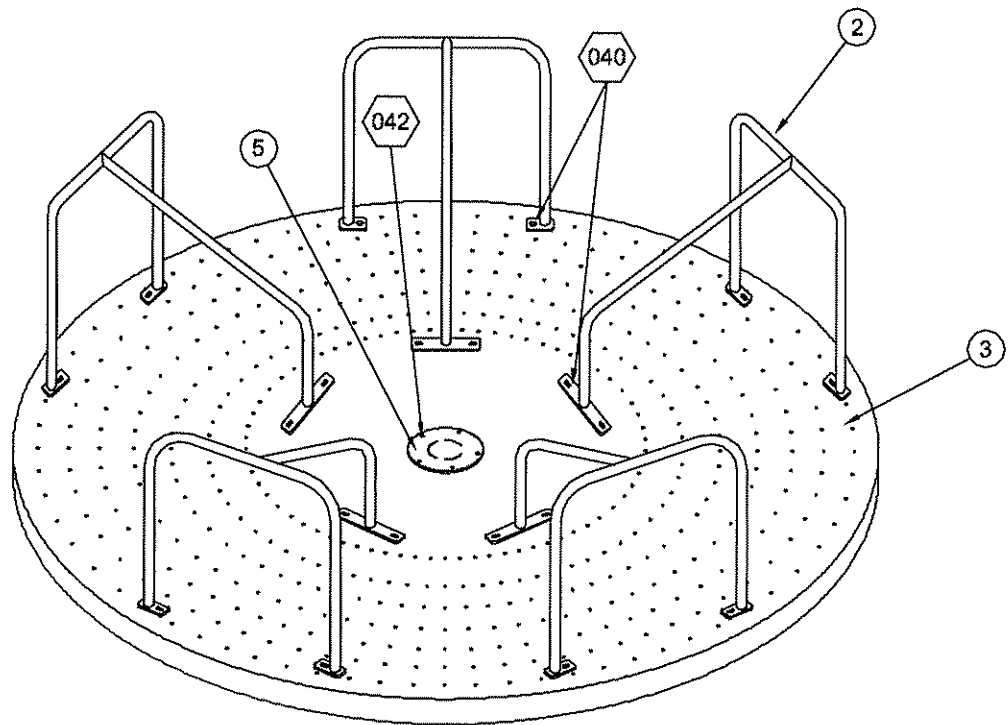
ONE-PIECE PLATFORM WHIRL



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1-800-235-2440

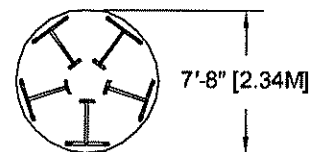
ISSUED/REVISED: 1/24/07

-  = INSTALLATION
= DETAIL
-  = PARTS LIST
= REFERENCE



ASSEMBLY DRAWING

- * THIS WHIRL SHALL BE INSTALLED IN A LOW-TRAFFIC AREA.
- * OWNER/OPERATOR SHALL INSTALL AND MAINTAIN PROTECTIVE SURFACING WITHIN THE USE ZONE (U.S.) OR PROTECTIVE SURFACING ZONE (CANADA) OF THIS WHIRL TO COMPLY WITH ASTM F1292 AND ASTM F-1487 (U.S.) OR CAN/CSA Z-614 (CANADA). USE ZONE (U.S.) OR PROTECTIVE SURFACING ZONE (CANADA) FOR THIS WHIRL SHALL EXTEND TO 19'-8" [6.0 M] DIAMETER MINIMUM.
- *A NO-ENCROACHMENT ZONE (REQUIRED IN CANADA) SHALL EXTEND TO 31'-8" [9.6 M] DIAMETER MINIMUM.



TOP VIEW

SPECIFICATIONS

NOTE: THIS INSTALLATION BOOKLET SHOULD BE KEPT IN CUSTOMER'S FILE FOR FUTURE REFERENCE.

NOTE: Read installation instructions thoroughly before starting assembly. Pour concrete only after final assembly is complete. Bracing material may be required during assembly.

NOTE: Do not overtighten bolts. To overtighten may cause buckling or dimpling of some parts.

NOTE: Do not tighten any nuts, bolts, rods, etc. until the unit is completely assembled.

PLATFORM ASSEMBLY: Platform shall be die formed of 11 gauge steel, 92" diameter with a 2" rolled under flange - braces shall be fabricated of 1 5/8" O.D. pipe. Hub shall be fabricated of 5 1/2" O.D. x .500 wall hot rolled steel with 1/4" H.R. steel plate welded in place. Platform assembly shall be an all welded construction with exception of the steel brake drive gear which is bolted in place.

BASE ASSEMBLY: Legs shall be fabricated of 2 7/8" O.D. galvanized pipe. Axle shall be fabricated of 2 3/4" O.D. cold rolled steel. Collar shall be fabricated of 3 1/4" O.D. x 7/32" wall pipe. Mounting brackets shall be of 1/4" H.R. stock. Base shall be an all welded construction.

HANDRAIL ASSEMBLY: Arches shall be fabricated of 1 5/16" O.D. galvanized pipe. Brackets shall be fabricated of 1/4" x 1 1/2" galvanized flat steel. Handrail Assembly shall be an all welded construction.

BRAKE ASSEMBLY: Shall consist of high torque, low speed fluid motor; flow control hydraulic valves; push lock hose with

synthetic rubber liner, textile braid reinforcement, and synthetic rubber cover; pump gear fabricated of steel with 2" O.D. drive collar.

SHIELD HALVES: Shall be molded polyethylene with 3/16" nominal thickness.

SHIELD MOUNTING BRACKET: Shall be fabricated of 3/16" H.R. flat, drilled and tapped to receive 3/8" bolts.

FINISH: Platform shall have a powder coat finish. Handrails and base shall be painted aluminum.

HARDWARE: All nuts, bolts, screws, inserts, and lockwashers used in the assembly of all play equipment, shall be stainless steel, yellow dichromate plated steel, blue-coat plated steel, mechanically galvanized or powder coated/yellow dichromate plated steel. All primary fasteners shall be 300 series stainless steel. Fasteners with yellow dichromate treatment have an electro deposited, 99.9% pure zinc substrate applied from specially formulated solution sealed with a yellow dichromate top coat designed to work in conjunction with the zinc plating. Yellow dichromate has a 320% longer life to white corrosion and 275% longer to red corrosion than does hot-dip galvanizing.

NOTE: All weights are based on average comparisons of each part.

SPECIFICATIONS: GAMETIME has a policy of continuous improvement and reserves the right to discontinue or change specifications without notice.



**IMPORTANT PRODUCT INFORMATION
AND
SAFETY WARNINGS**



* All equipment should be installed on a soft, resilient, energy-absorbing ground surface. NEVER INSTALL PLAY EQUIPMENT ON CONCRETE OR ASPHALT. A fall on a hard surface can result in serious injury to the equipment user.

* ALWAYS FOLLOW INSTALLATION INSTRUCTIONS WHEN ERECTING EQUIPMENT.

* Worn surfaces around equipment should be restored. Concrete footing should never be exposed. Surface depth should comply with installation instructions.

* Equipment should be placed to eliminate conflicting traffic patterns.

* All protruding nuts and bolts should be covered; sharp edges on pipes should be capped or removed. Check for bent, broken or severely worn pipe and replace.

* Test overall stability and rigidity of all play equipment. Check for proper assembly, installation and ground anchoring.

* Check for and repair damage caused by wear or vandalism, a major factor in injury-causing situations.

* Check wood equipment for decay and termites. Replace when needed.

* **GAMETIME**[®] PROVIDES ITS CUSTOMER'S WITH COMPLETE SPECIFICATION SHEETS AND INSTALLATION INSTRUCTIONS. THE SPECIFICATION SHEET CONTAINS THE LISTING OF EVERY PART USED IN A PIECE OF EQUIPMENT AND SHOULD BE KEPT IN THE CUSTOMER'S FILES FOR ACCURATE REFERENCE WHEN REPLACEMENT WHEN REPLACEMENT PARTS ARE NEEDED.

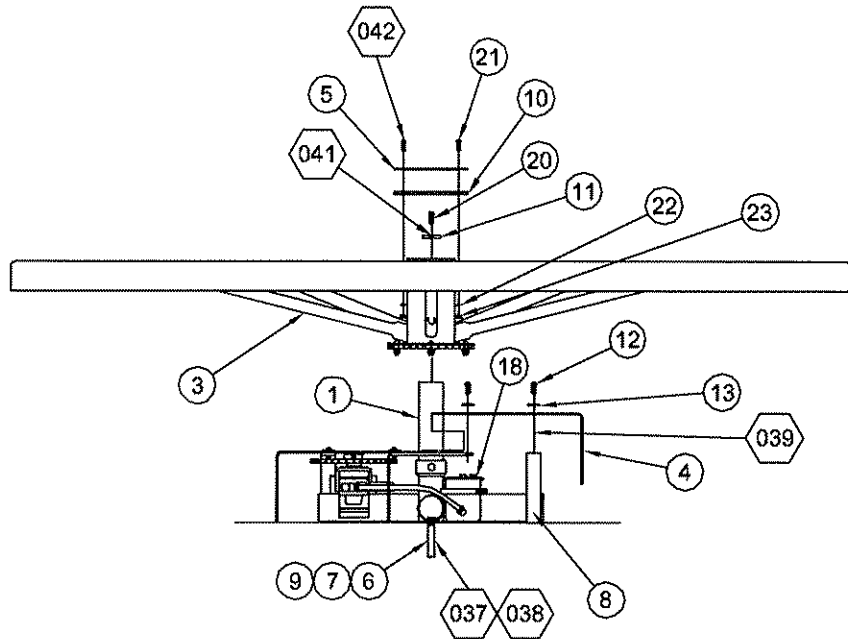
* Never add components not intended for use with this product.

* Regular maintenance is necessary on this and all park and recreational equipment to ensure the safety of the user.

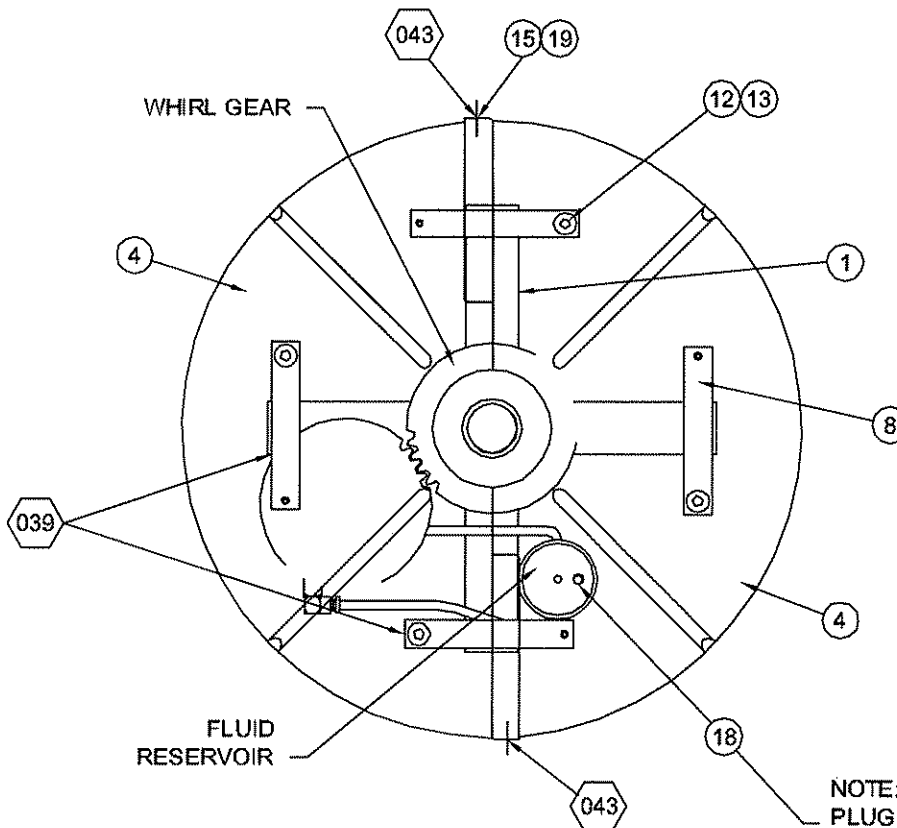
* Proper maintenance of **GAMETIME**[®] equipment requires regular tightening of all bolts, nuts, and set screws.

* Regular checking of all parts, casting, etc., should be made. If a part is broken or worn it should be replaced immediately.

* A soft, resilient surface should be placed under all climbers, extending at least six feet in all directions surrounding the equipment. NEVER INSTALL PLAY EQUIPMENT ON CONCRETE OR ASPHALT.

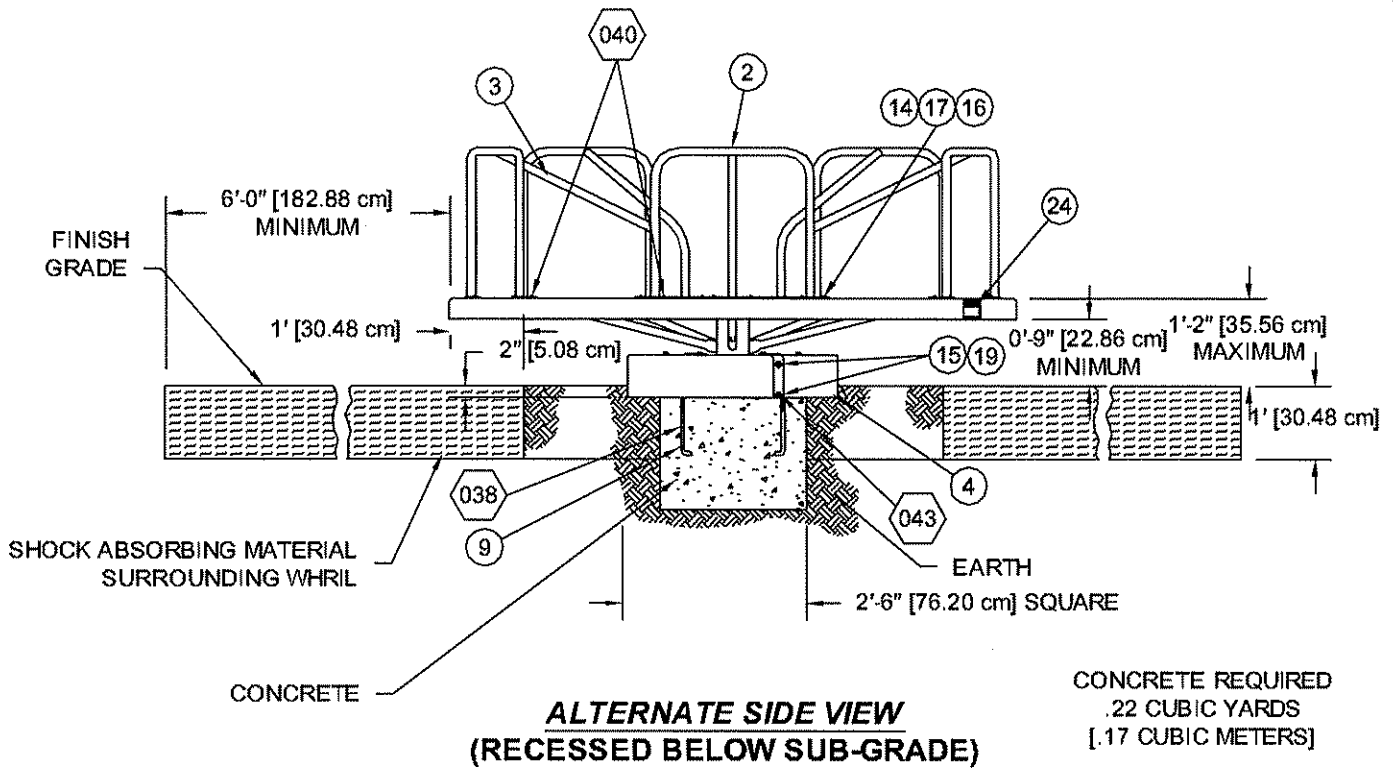


***SIDE ELEVATION
(BEFORE SHIELD INSTALLATION)***

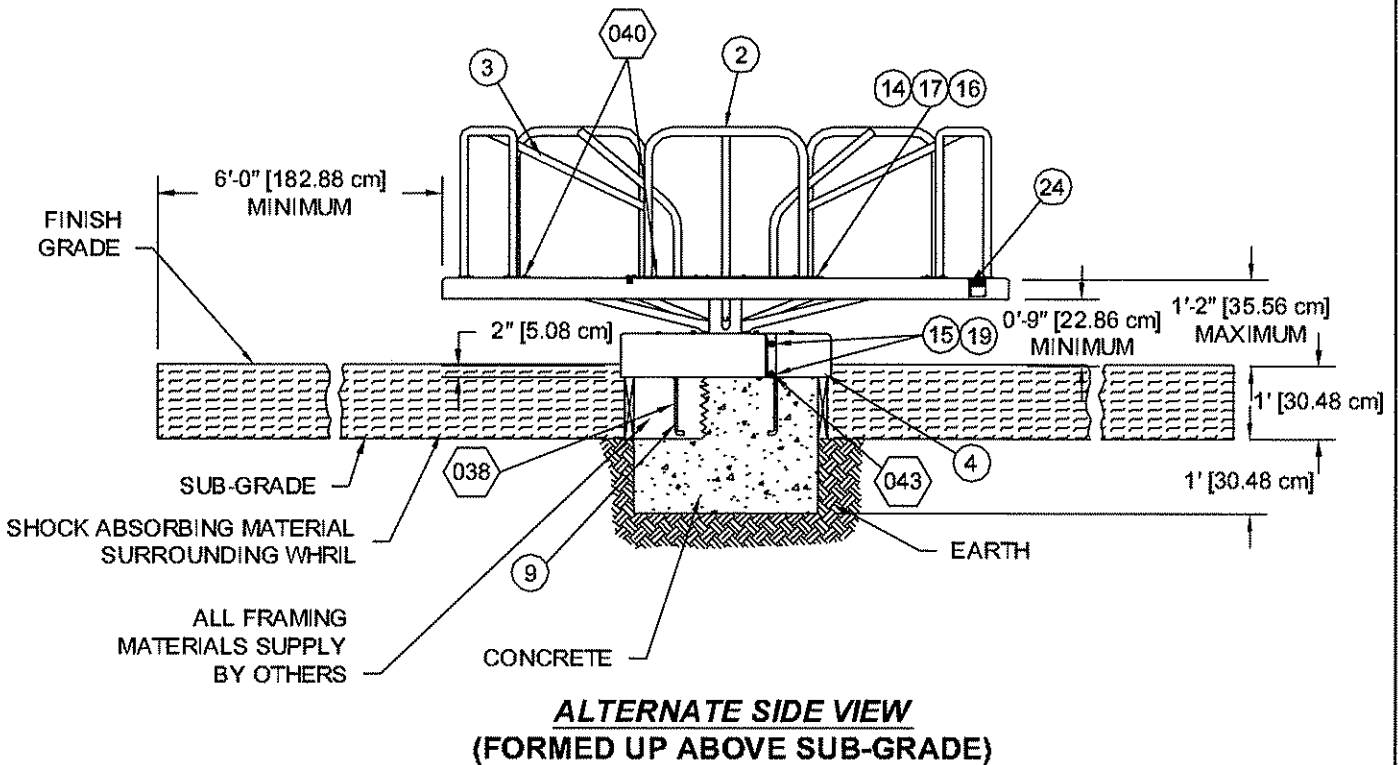


SHIELD TOPVIEW

*SHOCK ABSORBING PROPERTIES OF SURFACING MATERIALS VARY. IF YOU DETERMINE THAT LESS THAN 1'-0" [30.48 CM] OF SURFACING IS REQUIRED, MAKE UP THE DIFFERENCE IN ELEVATION WITH EARTH, BEFORE APPLYING SURFACING.



NOTES:
 *SUGGESTED MINIMUM CONCRETE RATING: 3000 PSI.
 *HOLE DEPTHS INDICATED ARE MEASURED FROM THE FINISH SURFACE. SEE GROUND DETAIL. ALL FOOTING DIMENSIONS ARE BASED ON LEVEL FINISHED SURFACE.



CONCRETE REQUIRED
.42 CUBIC YARDS
[.32 CUBIC METERS]

INSTALLATION INSTRUCTIONS

NOTE: THIS SPECIFICATION BOOKLET SHOULD BE KEPT IN CUSTOMER'S FILE FOR FUTURE REFERENCE.

WARNING: Remove shipping plug from top of reservoir cap and replace it with the filter vent for ventilation.

WARNING: Do not attempt to adjust hydraulic valves, these have been pre-set and ready to use. Any tempering could void the warranty.

WARNING: Fluid level should be checked occasionally to assure sufficient amount of fluid is being circulated through system. Never allow fluid level to recede more than 0'-1" [2.54 cm] below top of reservoir.

NOTE: Do not over tighten bolts. To over tighten may cause buckling or dimpling of some parts.

NOTE: Read installation instructions thoroughly before starting assembly. Bracing material may be required during assembly.

NOTE: Do not tighten any nuts, bolts, rods, etc. until the unit is completely assembled.

STEP 1: Dig Hole for base per determined footing. See side Views. **NOTE:** Due to extremes in weather and soil conditions, hole sizes may have to be increased to meet local conditions.

STEP 2: Place first nut in one of the four anchor bolts, so that 1 1/4" of thread is left. Insert the anchor bolts through the shield mounting brackets and the base. Secure with second nut and lockwasher. See Detail 037.

NOTE: Use loctite (supplied by others) on all bolts.

STEP 3: Fill hole with concrete. Concrete should be stiff enough to support shield mounting brackets while concrete is still wet.

NOTE: Do not allow excess concrete to build up or spill around the footing hole.

STEP 4: Position base on concrete. Force anchor bolts down into cement until shield mounting brackets rest against concrete. Level base. See Detail 038.

STEP 5: After concrete has cured, position shield halves (ref. #4) on base assembly. Be sure that mounting holes in the shield and shield mounting brackets are aligned properly when shield is centered about the axle. If necessary loosen and adjust mounting brackets to achieve alignment. Apply loctite to anchor bolts and retighten after adjustment is finished. Remove Shield halves. See Detail 039.

STEP 6: Bolt handrails to platform using 3/8" carriage bolts, nuts and lockwashers (typical 20 places). See Detail 040.

STEP 7: After concrete has hardened 48 hours, with sufficient manpower, lift the platform onto the axle. **NOTE:** Be sure pump gear and whirl gear are aligned in position to keep gears from binding. It may be helpful to rotate platform gently back and forth as it is lowered into position. Bolt 3 1/2" O.D. washer to axle using 3/8" x 1" button head cap screw. See Installation Drawings and Detail 041.

STEP 8: Very Important... Place special 8" O.D. gasket over center opening, align holes in gasket with holes in whirl deck. Bolt round cover plate in place with 5/16" x 1" button head socket cap screws, nuts, and lockwashers. Do not overtighten. See Detail 042.

STEP 9: Secure shields halves to mounting brackets using hardware as required. See Top View and installation Drawings. Use pan head screws and 1/4" flatwasher to fasten halves together at seams. See Installation Drawings and Detail 043.

STEP 10: After assembly is complete, Manufacturer's I.D. Label should be placed in a visible location.

NOTE: Please be sure shipping plug has been replaced with the filter vent.

NOTE: Loctite (supplied by others) should be used on all threaded hardware.

PARTS LIST

REF. No.	DESCRIPTION	No. REQ'D.	PART NUMBER
1	Base Ass'y w/Brake	1	124751
2	Handrail Ass'y	5	100228
3	Platform Ass'y	1	124588
4	Shield	2	127322
5	Cover Plate	1	105758
	<i>Hardware Complete</i>	1	155019
6	3/8" Lockwasher	4	817354*
7	3/8" Hex Nut	8	804058*
8	Shield Mounting Brackct	4	124511*
9	3/4" Anchor Bolt	4	800001*
10	Cork Gasket	1	101405*
11	3 1/2" O.D. Washer	1	104242*
12	3/8" x 1" Hex Head Self-Tapping Bolt	6	801850*
13	3/8" x 1 1/4" Flatwasher	6	817424*
14	3/8" x 1" Carriage Bolt	20	800253*
15	#10 x 5/8" Pan Head Screw	6	816017*
16	3/8" Lockwasher	30	817334*
17	3/8" Hex Nut	20	804053*
18	Filter Vent	1	124762*
19	1/4" Flatwasher	6	817408*
20	3/8" x 1" B.H.C.S.	1	811050*
21	5/16" x 1" B.H.C.S.	5	811042*
22	5/16" Lockwasher	5	817330*
23	5/16" Hex Nut	5	804052*
24	Manufacturer's I.D. Label	1	159151*

*Unless Otherwise Specified, All Units of Measure are Each
* Included in Hardware*

**Warning: During Installation, Hardware And Small Parts Are Choking Hazards
For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed.
Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment
And Dispose/Save Them In A Secure Location.**



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408

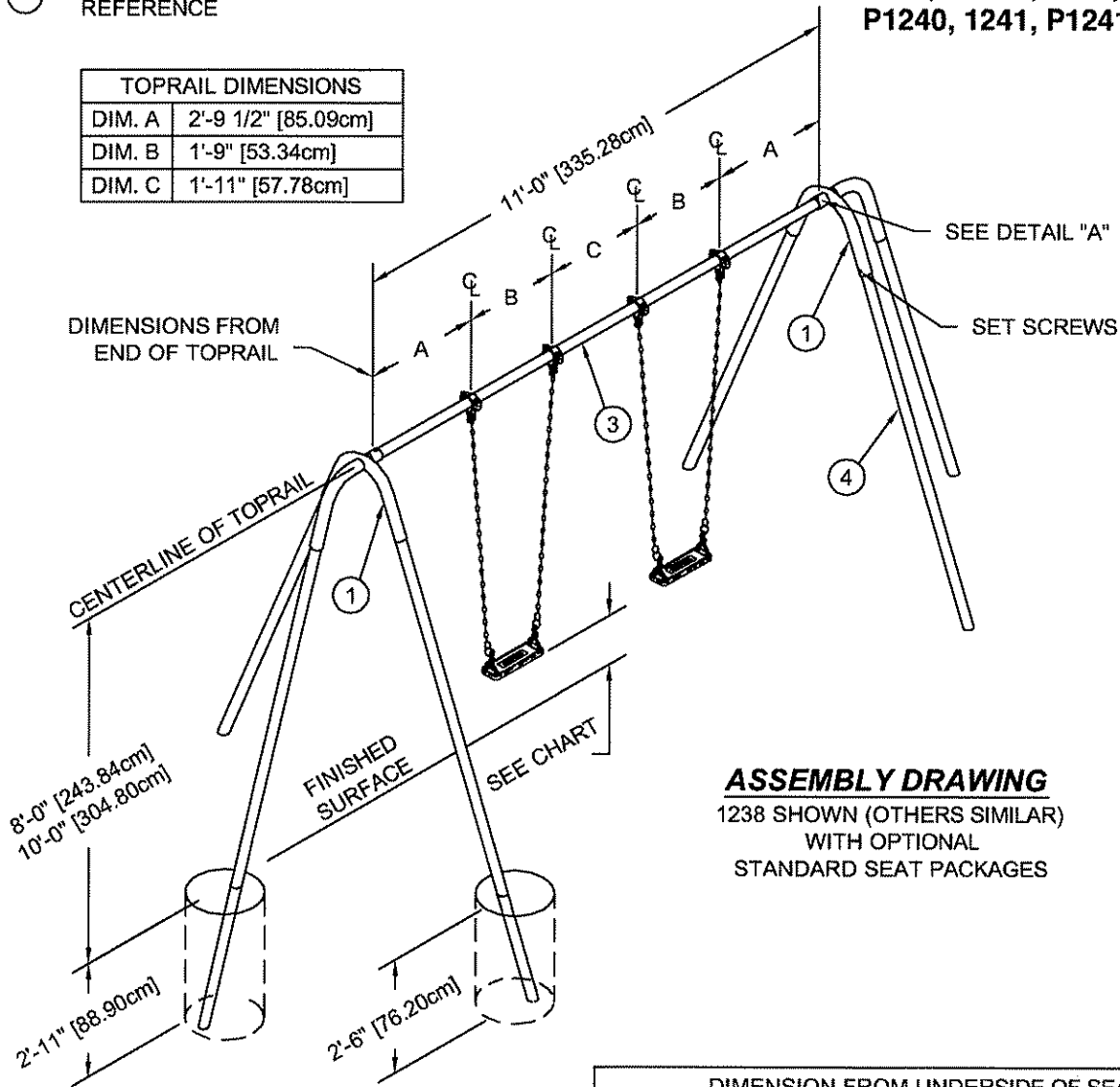
3-LEG HEAVY DUTY MODERN SWING

ISSUED/REVISED: 1/12/07

- = INSTALLATION
DETAIL
- = PARTS LIST
REFERENCE

NOTE: 408, 409, 410, 411, 608, 609,
610, 611 MODERN SWING
1238, P1238, 1239, P1239, 1240,
P1240, 1241, P1241 ADD-A-BAY

TOPRAIL DIMENSIONS	
DIM. A	2'-9 1/2" [85.09cm]
DIM. B	1'-9" [53.34cm]
DIM. C	1'-11" [57.78cm]



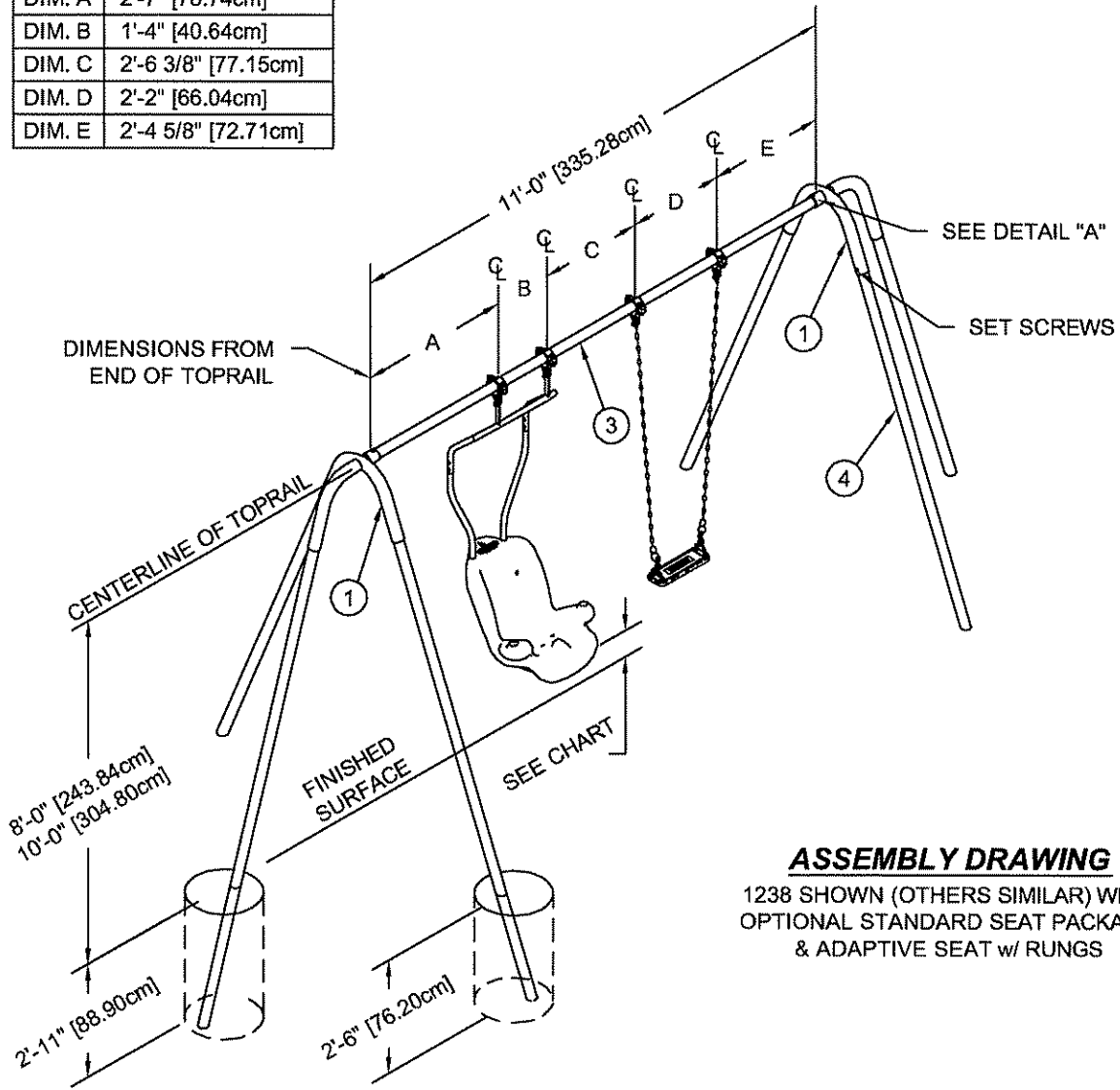
ASSEMBLY DRAWING
1238 SHOWN (OTHERS SIMILAR)
WITH OPTIONAL
STANDARD SEAT PACKAGES

NOTE: SWING SEAT PACKAGES
SHOWN ON ASSEMBLY DRAWINGS
NOT INCLUDED. SHOWN FOR
ILLUSTRATION ONLY.

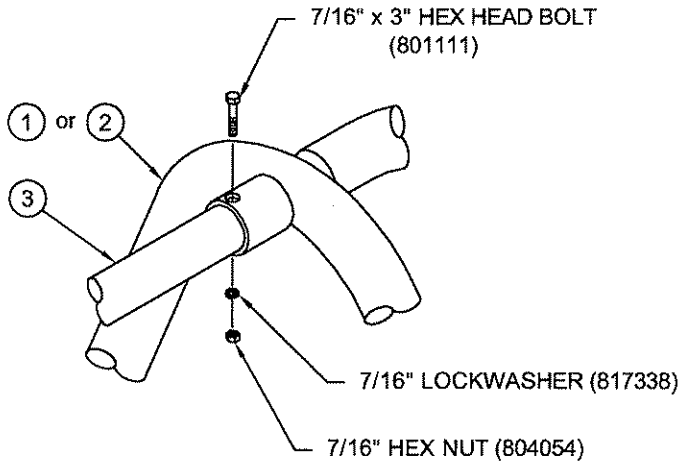
DIMENSION FROM UNDERSIDE OF SEAT TO PROTECTIVE SURFACING		
STANDARD	MIN.	MAX.
*CANADIAN	1'-2" [35.56cm]	1'-6" [45.72cm]
ASTM	1'-0" [30.48cm]	N/A
DIN	1'-3 3/4" [40.00cm]	N/A
CPSC	N/A	N/A

* UNDER LOADED CONDITION BASED ON WEIGHT OF 165lb. [75kg.]

TOPRAIL DIMENSIONS	
DIM. A	2'-7" [78.74cm]
DIM. B	1'-4" [40.64cm]
DIM. C	2'-6 3/8" [77.15cm]
DIM. D	2'-2" [66.04cm]
DIM. E	2'-4 5/8" [72.71cm]

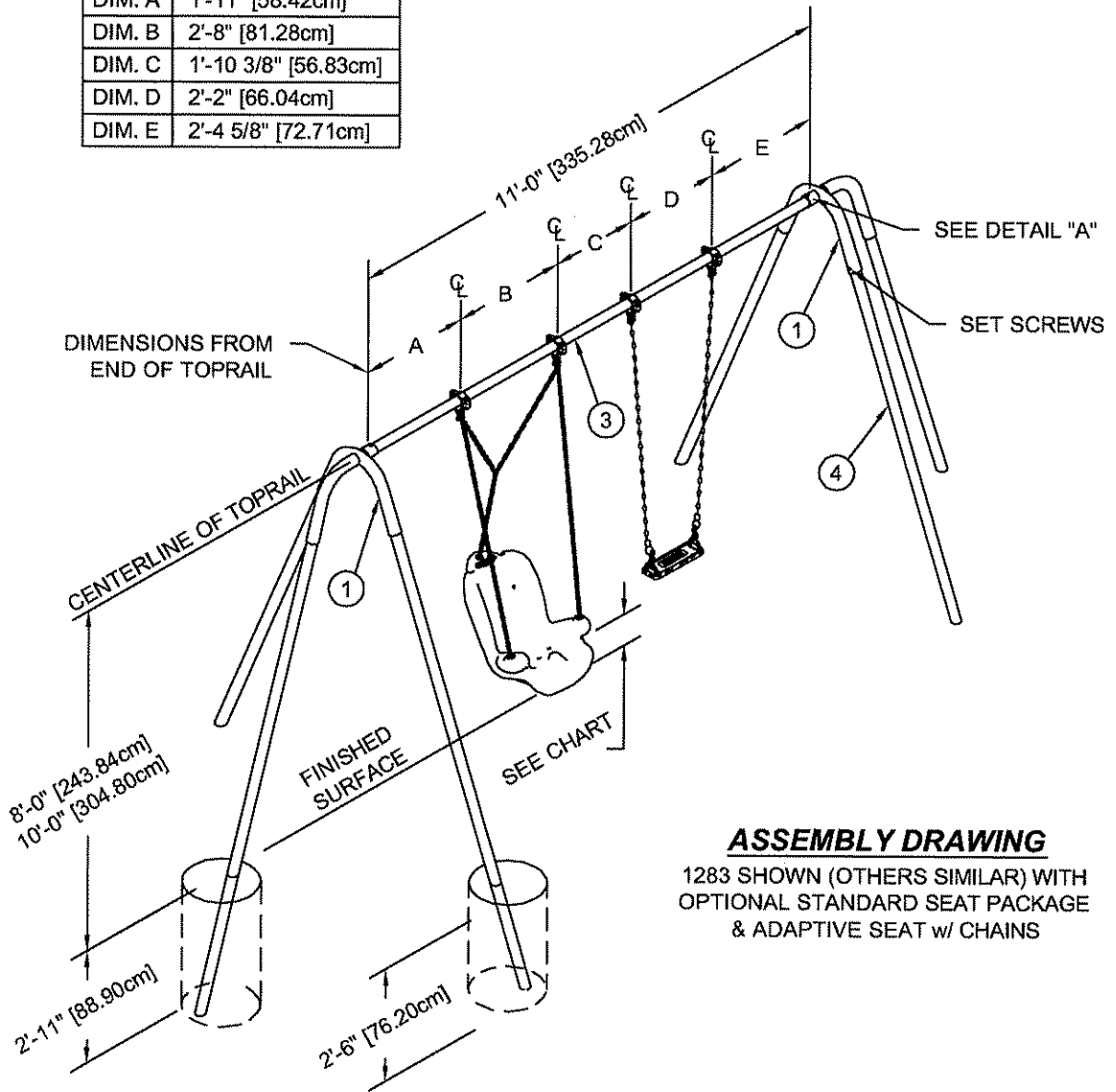


ASSEMBLY DRAWING
 1238 SHOWN (OTHERS SIMILAR) WITH
 OPTIONAL STANDARD SEAT PACKAGE
 & ADAPTIVE SEAT w/ RUNGS



DETAIL "A"

TOPRAIL DIMENSIONS	
DIM. A	1'-11" [58.42cm]
DIM. B	2'-8" [81.28cm]
DIM. C	1'-10 3/8" [56.83cm]
DIM. D	2'-2" [66.04cm]
DIM. E	2'-4 5/8" [72.71cm]

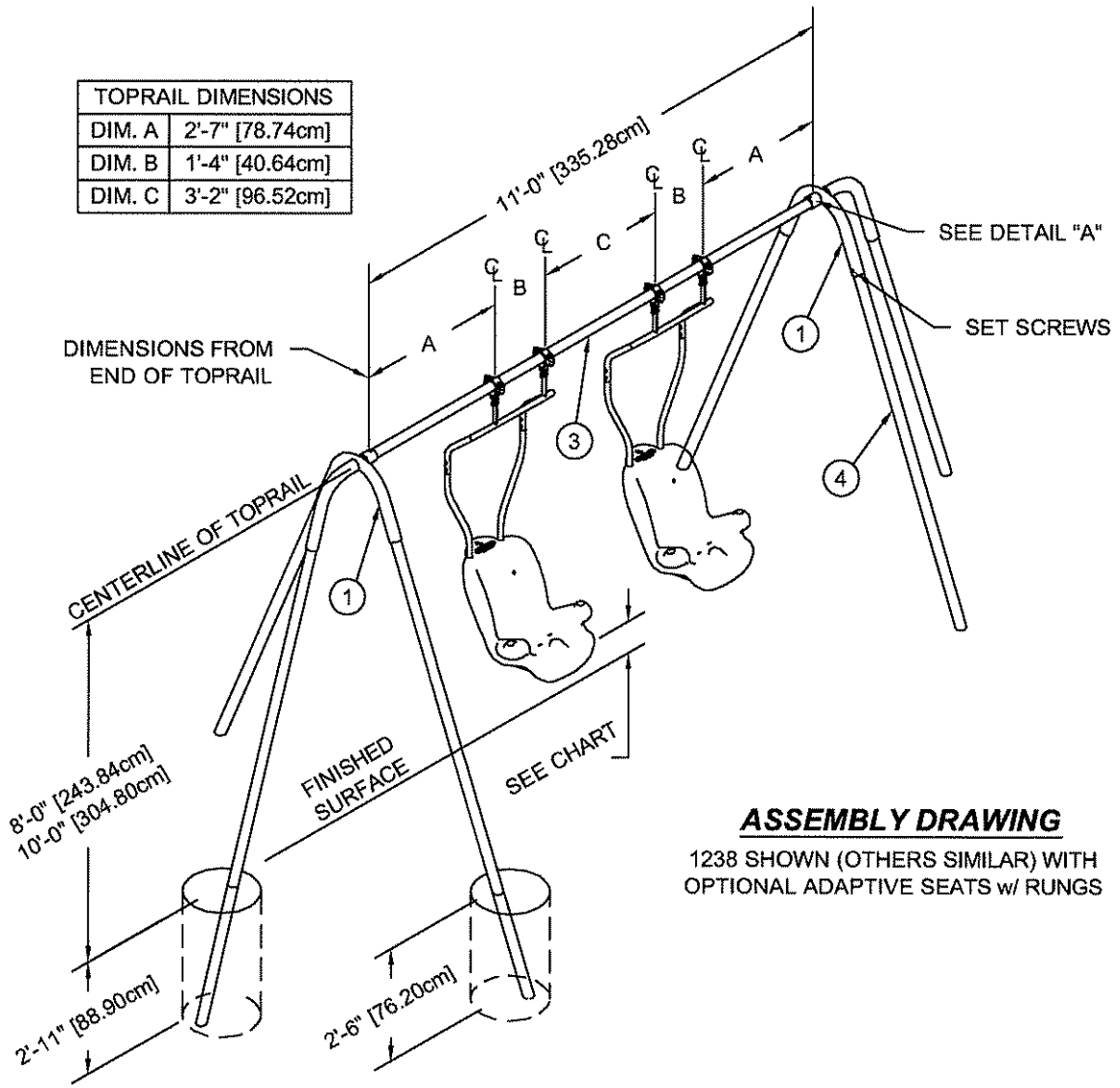


ASSEMBLY DRAWING

1283 SHOWN (OTHERS SIMILAR) WITH
OPTIONAL STANDARD SEAT PACKAGE
& ADAPTIVE SEAT w/ CHAINS

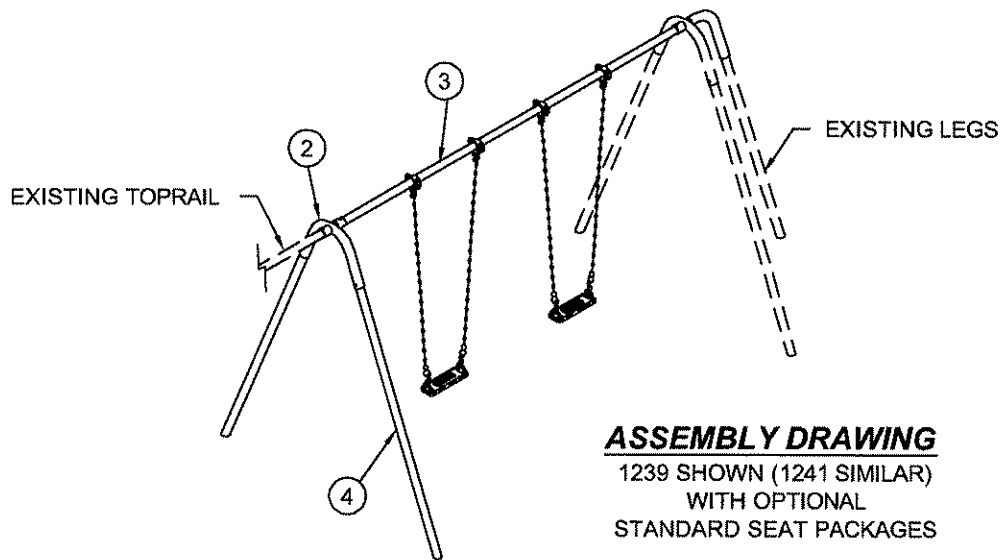
GALV. NO.	PAINTED NO.	NO. SECTIONS	NO. SEATS	TOPRAIL HEIGHT
1238	P1238	1	2	8'
409	408	2	4	8'
609	608	3	6	8'
1239	P1239	1	2	8'
1240	P1240	1	2	10'
411	410	2	4	10'
611	610	3	6	10'
1241	P1241	1	2	10'

TOPRAIL DIMENSIONS	
DIM. A	2'-7" [78.74cm]
DIM. B	1'-4" [40.64cm]
DIM. C	3'-2" [96.52cm]



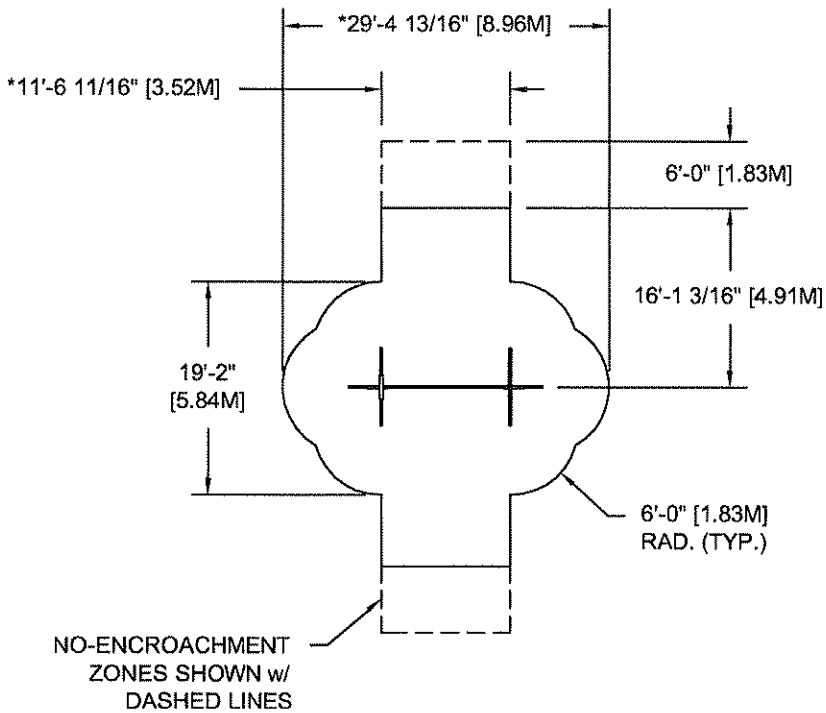
ASSEMBLY DRAWING

1238 SHOWN (OTHERS SIMILAR) WITH
OPTIONAL ADAPTIVE SEATS w/ RUNGS



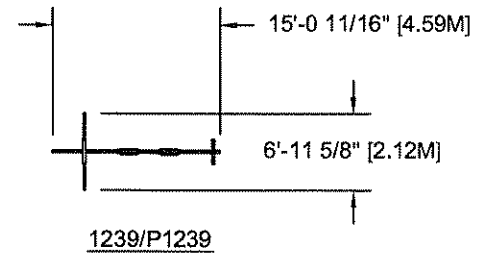
ASSEMBLY DRAWING

1239 SHOWN (1241 SIMILAR)
WITH OPTIONAL
STANDARD SEAT PACKAGES



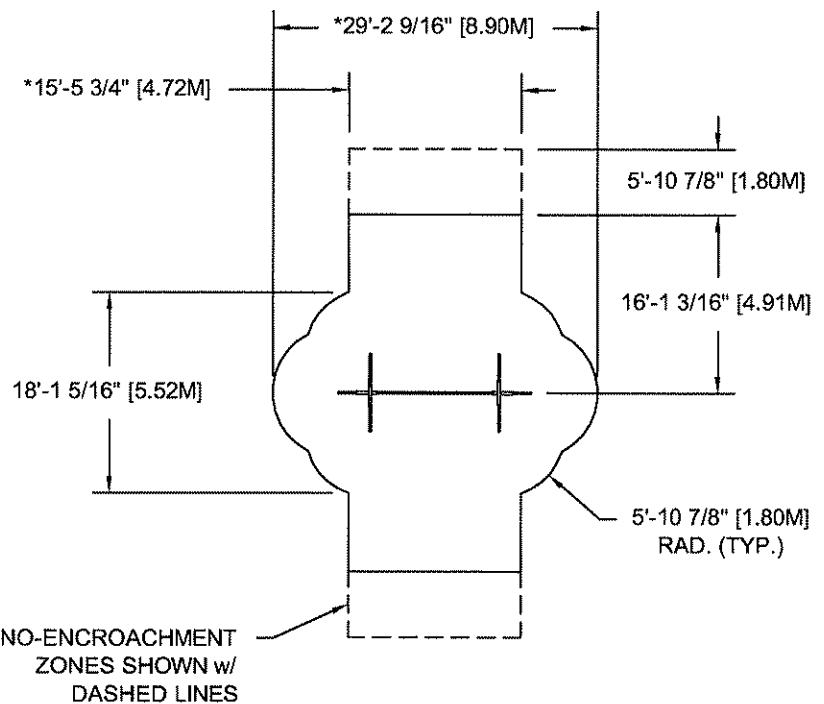
TOP VIEWS
FOR 8' SWINGS

1238/P1238 SHOWN
408, 409, 608 & 609 SIMILAR

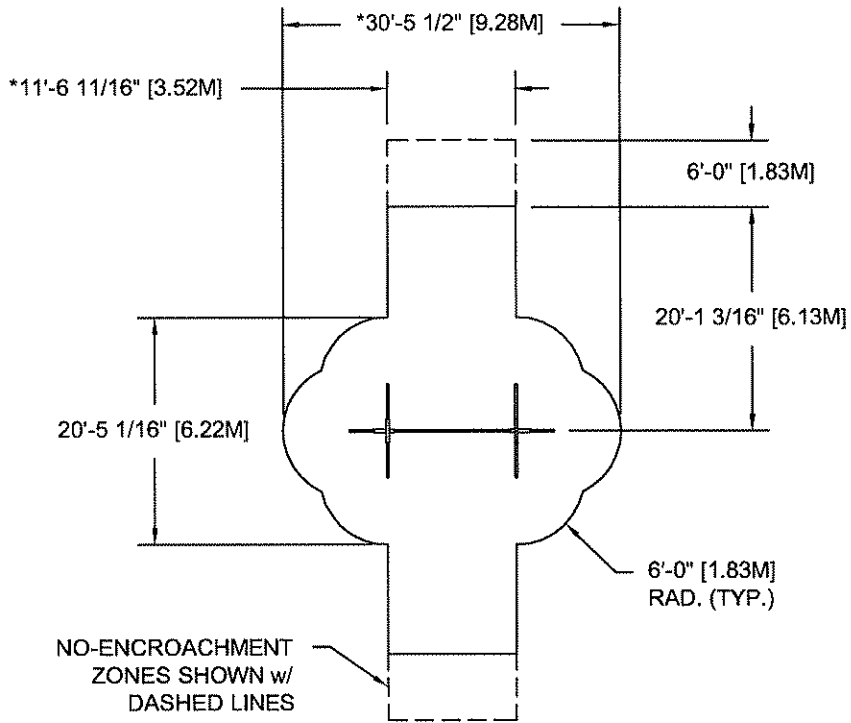


NOTES:

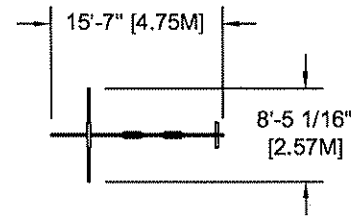
- 1.) OWNER/OPERATOR SHALL INSTALL AND MAINTAIN PROTECTIVE SURFACING WITHIN THE USE ZONE (U.S.) OR PROTECTIVE SURFACING ZONE (CANADA) OF ALL PLAY EQUIPMENT TO COMPLY WITH ASTM F-1291 AND ASTM F-1487 (U.S.) or CAN/CSA-Z-614 (CANADA).
- 2.) SOLID OUTSIDE BORDER REPRESENTS MINIMUM REQUIRED ASTM USE ZONE AND CSA PROTECTIVE SURFACING ZONE FOR SWING FRAME SHOWN.
- 3.) DASHED LINES REPRESENT CSA NO ENCROACHMENT ZONE (CANADA ONLY).
- 4.) *EACH ADDITIONAL CONNECTED SWING FRAME BAY INCREASES THE USE ZONE SURFACING, AND NO ENCROACHMENT ZONE DIMENSIONS BY 15'-0 11/16" [4.59M].



1238/P1238 SHOWN (CSA ONLY)
408, 409, 608 & 609 SIMILAR



TOP VIEWS
FOR 10' SWINGS

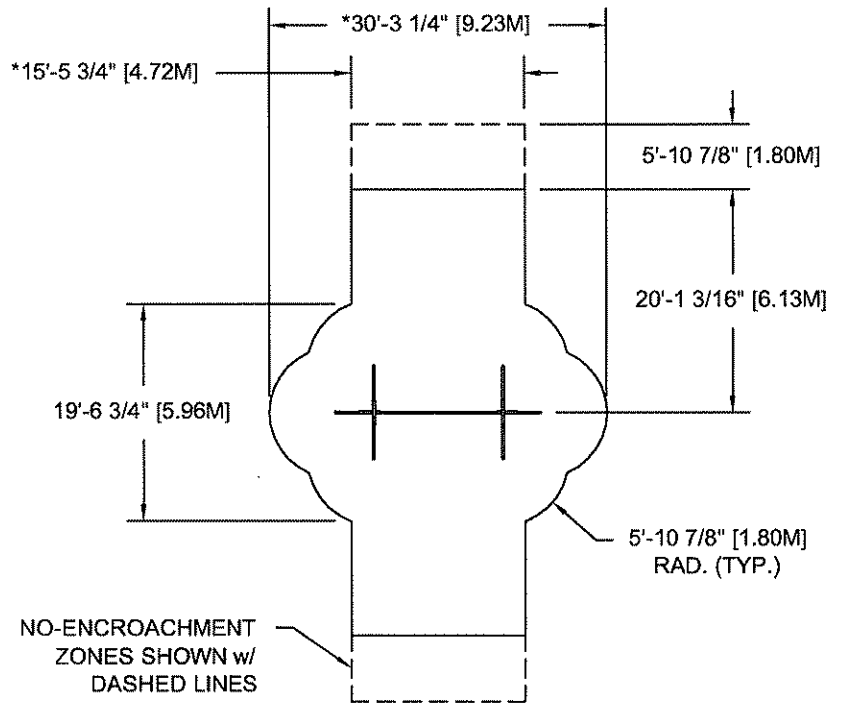


1240/P1240 SHOWN
410, 411, 610 & 611 SIMILAR

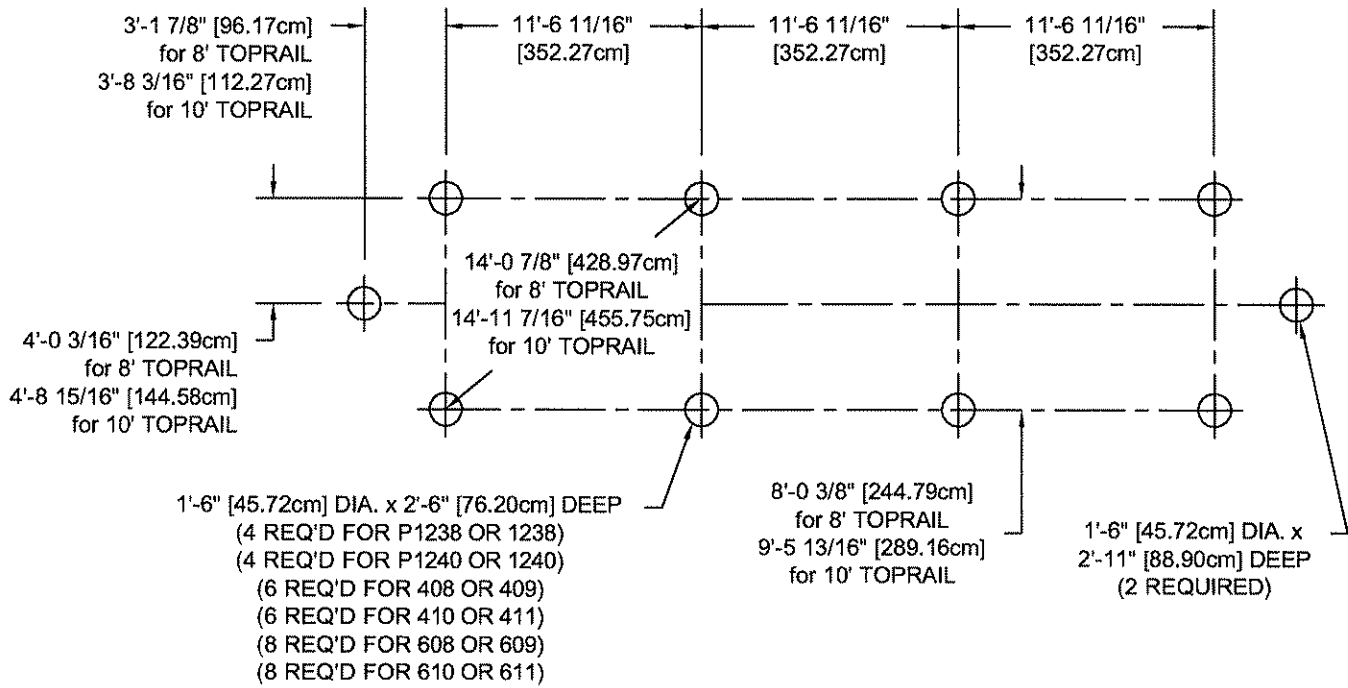
1241/P1241

NOTES:

- 1.) OWNER/OPERATOR SHALL INSTALL AND MAINTAIN PROTECTIVE SURFACING WITHIN THE USE ZONE (U.S.) OR PROTECTIVE SURFACING ZONE (CANADA) OF ALL PLAY EQUIPMENT TO COMPLY WITH ASTM F-1291 AND ASTM F-1487 (U.S.) or CAN/CSA-Z-614 (CANADA).
- 2.) SOLID OUTSIDE BORDER REPRESENTS MINIMUM REQUIRED ASTM USE ZONE AND CSA PROTECTIVE SURFACING ZONE FOR SWING FRAME SHOWN.
- 3.) DASHED LINES REPRESENT CSA NO ENCROACHMENT ZONE (CANADA ONLY).
- 4.) *EACH ADDITIONAL CONNECTED SWING FRAME BAY INCREASES THE USE ZONE SURFACING, AND NO ENCROACHMENT ZONE DIMENSIONS BY 15'-7\" [4.75M].



1240/P1240 SHOWN (CSA ONLY)
410, 411, 610 & 611 SIMILAR

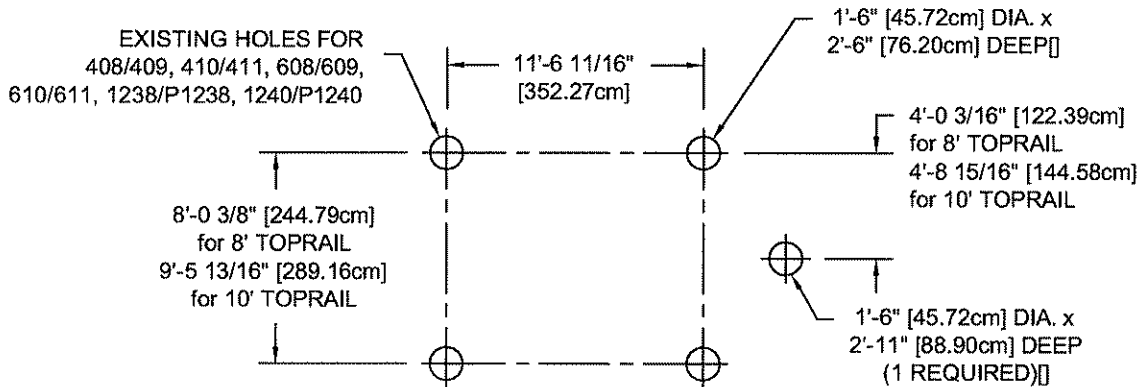


NOTE: Hole depths indicated on all ground plans are measured from the finished surface. See Detail 060. All footing dimensions are based on level finished surface.

GROUND PLANS

Concrete Required:
 (Per 2'-6" [76.20cm] Depth)
 .10 Cubic Yards
 [.08 Cubic Meters]
 (Per Ground Hole)

Concrete Required:
 (Per 2'-11" [88.90cm] Depth)
 .13 Cubic Yards
 [.10 Cubic Meters]
 (Per Ground Hole)



1239/P1239 & 1241/P1241



IMPORTANT PRODUCT INFORMATION AND SAFETY WARNINGS



- All equipment should be installed on a soft, resilient, energy-absorbing ground surface. NEVER INSTALL PLAY EQUIPMENT ON CONCRETE OR ASPHALT. A fall on a hard surface can result in serious injury to the equipment user.
- ALWAYS FOLLOW INSTALLATION INSTRUCTIONS WHEN ERECTING EQUIPMENT.
- Worn surfaces around equipment should be restored. Concrete footings should never be exposed. Surface depth should comply with installation instructions.
- Equipment should be placed to eliminate conflicting traffic patterns.
- All protruding nuts and bolts should be covered; sharp edges on pipes should be capped or removed. Check for bent, broken or severely worn pipe and replace.
- Test overall stability and rigidity of all play equipment. Check for proper assembly, installation and ground anchoring.
- Check for and repair damage caused by wear or vandalism, a major factor in injury-causing situations.
- GAMETIME® PROVIDES ITS CUSTOMERS WITH COMPLETE INSTALLATION SHEETS AND INSTALLATION INSTRUCTIONS. THE INSTALLATION SHEET CONTAINS THE LISTING OF EVERY PART USED IN A PIECE OF EQUIPMENT AND SHOULD BE KEPT IN THE CUSTOMER'S FILES FOR ACCURATE REFERENCE WHEN REPLACEMENT PARTS ARE NEEDED.
- Never add components not intended for use with this product.
- Regular maintenance is necessary on this and all park and recreational equipment to ensure the safety of the user.
- Proper maintenance of GAMETIME® equipment requires regular tightening of all bolts, nuts, and set screws.
- Never use GAMETIME® playground equipment around or in conjunction with swimming pools, ponds, lakes or any other bodies of water.
- Regular checking of all parts, castings, etc., should be made. If a part is broken or worn it should be replaced immediately.
- Replace all worn S-Hooks. S-Hooks must be completely closed. To close S-Hooks properly, use GAMETIME® S-Hook Pliers. Failure to close S-Hooks properly can result in serious injury to the user. Never reuse S-Hooks.
- Test for free movement of swing hanger and other moving attached parts.
- Check for worn chains and replace them.
- Replace worn or damaged seats.
- A soft, resilient surface should be placed under all swings, extending at least six feet beyond the farthest arc of the swing seat, both front and back. NEVER INSTALL PLAY EQUIPMENT ON CONCRETE OR ASPHALT.

INSTALLATION INSTRUCTIONS

NOTE: THIS INSTALLATION BOOKLET SHOULD BE KEPT IN CUSTOMER'S FILE FOR FUTURE REFERENCE.

NOTE: Do not overtighten bolts. To overtighten may cause buckling or dimpling of some parts.

NOTE: Read installation instructions thoroughly before starting assembly. Pour concrete only after final assembly is complete. Bracing material may be required during assembly.

NOTE: Do not tighten any nuts, bolts, rods, etc. until the unit is completely assembled.

NOTE: Assembly and leveling time will be greatly reduced if a transit is used to set location and depth of ground holes.

STEP 1: Place end fittings opposite each other and center fittings in between (if used). Insert top rails and secure with a 7/16" x 3" hex head bolt, 7/16" lockwasher and 7/16" hex nut. Bolt must go through the large hole in the fitting first so that the head of the bolt rests against the top rail.

STEP 2: Bolt all of the swing hangers (level) on the top rail using spacing indicated on assembly drawings.

STEP 3: Turn assembly over and insert legs into fittings. Insert 1/2" x 1/2" set screws into fitting and tighten.

STEP 4: Position swing in an upright position using assembled swing as a template. Mark hole locations.

STEP 5: Dig required holes (see Ground Plan). Place a brick or equivalent at the bottom of each hole to provide a solid foundation for each leg. Allow for this in hole depth.

NOTE: Due to extremes in weather and soil conditions, hole sizes may have to be increased to meet local conditions.

STEP 6: Position swing in holes, check to make sure top rail is level. Pour concrete (see Footing Detail).

STEP 7: After concrete has set a minimum of 48 hours, hang seats on swing. Swing should not be used for 48 hours after pouring concrete.

STEP 8: After assembly is complete, place the manufacturer's I.D. label in a visible location on leg.

NOTE: Make sure all "S" Hooks are completely closed. It is recommended that "S" Hook pliers be used.

SPECIFICATIONS

TOPRAILS: Shall be fabricated of 2-3/8" O.D. (.164" wall thickness) galvanized pipe, 11'-0" [335.28cm] long. Top rail shall be 10'-0" [304.80cm] above finished surface.

LEGS: Shall be fabricated of 2-3/8" O.D. (.095" wall thickness) galvanized pipe. Legs shall be of sufficient length to allow 2'-6" [76.20cm] below finished surface.

FITTINGS: Shall be fabricated of 2-7/8" O.D. galvanized pipe. A 2-7/8" O.D. socket shall be welded to the fitting to attach top rail to fittings.

SEAT, CHAIN & HANGERS: See Seat Installation Sheet.

FINISH: Galvanized or powder coat over galvanized pipe.

HARDWARE: All nuts, bolts, screws, inserts, and lockwashers used in the assembly of all play equipment, shall be stainless steel, yellow dichromate plated steel, blue-coat plated steel, mechanically galvanized or powder coated/yellow dichromate plated steel. All primary fasteners shall be 300 series stainless steel. Fasteners with yellow dichromate treatment have an electro-deposited, 99.9% pure zinc substrate applied from a specially formulated solution sealed with a yellow dichromate top coat designed to work in conjunction with the zinc plating. Yellow dichromate has a 320% longer life to white corrosion and 275% longer to red corrosion than does hot-dip galvanizing.

SPECIFICATIONS: GAMETIME® has a policy of continuous improvement and reserves the right to discontinue or change specifications without notice.

PARTS LIST

REF. NO.	DESCRIPTION	NO. REQ'D								PART NUMBER
		408	409	410	411	608	609	610	611	
1	3-Leg End Fitting	2	0	2	0	2	0	2	0	125263
1	3-Leg End Fitting	0	2	0	2	0	2	0	0	125262
2	Center Fitting	1	0	1	0	2	0	2	0	125259
2	Center Fitting	0	1	0	1	0	2	0	2	125258
3	Toprail	2	0	2	0	3	0	3	0	168917
3	Toprail	0	2	0	2	0	3	0	3	168916
4	Leg (10'-9" Lg./328)	8	0	0	0	10	0	0	0	140872
4	Leg (10'-9" Lg./328)	0	8	0	0	0	10	0	0	140870
4	Leg (12'-10" Lg./391)	0	0	8	0	0	0	10	0	140314
4	Leg (12'-10" Lg./391)	0	0	0	8	0	0	0	10	140312
	Frame Hardware Complete	1	1	1	1	0	0	0	0	102590
	Frame Hardware Complete	0	0	0	0	1	1	1	1	102591
	7/16" x 3" Hex Head Bolt	4	4	4	4	6	6	6	6	801111*
	7/16" Hex Nut	4	4	4	4	6	6	6	6	804054*
	1/2" x 1/2" Set Screw	8	8	8	8	10	10	10	10	811559*
	7/16" Lockwasher	4	4	4	4	6	6	6	6	817338*
	Manufacturer's I.D. Label	1	1	1	1	1	1	1	1	159151*
		1238	P1238	1239	P1239	1240	P1240	1241	P1241	
1	3-Leg End Fitting	0	2	0	0	0	2	0	0	125263
1	3-Leg End Fitting	2	0	0	0	2	0	0	0	125262
2	Center Fitting	0	0	0	1	0	0	0	1	125259
2	Center Fitting	0	0	1	0	0	0	1	0	125258
3	Toprail	0	1	0	1	0	1	0	1	168917
3	Toprail	1	0	1	0	1	0	1	0	168916
4	Leg (10'-9" Lg./328)	0	6	0	2	0	0	0	0	140872
4	Leg (10'-9" Lg./328)	6	0	2	0	0	0	0	0	140870
4	Leg (12'-10" Lg./391)	0	0	0	0	0	6	0	2	140314
4	Leg (12'-10" Lg./391)	0	0	0	0	6	0	2	0	140312
	Frame Hardware Complete	1	1	0	0	1	1	0	0	151869
	Frame Hardware Complete	0	0	1	1	0	0	1	1	151870
	7/16" x 3" Hex Head Bolt	2	2	2	2	2	2	2	2	801111*
	7/16" Hex Nut	2	2	2	2	2	2	2	2	804054*
	1/2" x 1/2" Set Screw	6	6	3	3	6	6	3	3	811559*
	7/16" Lockwasher	2	2	2	2	2	2	2	2	817338*
	Manufacturer's I.D. Label	1	1	1	1	1	1	1	1	159151*

Unless Otherwise Specified, All Units of Measure are Each

** Included in Hardware*



Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.



Enriching Childhood Through Play
1-800-235-2440

1047 SEAT

ISSUED/REVISED: 01/08/08

-  = INSTALLATION
DETAIL
-  = PARTS LIST
REFERENCE

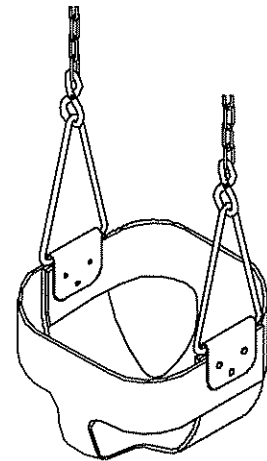


1464, 1469, 1470, CC1464,
CC1469, CC1470, SS1464,
SS1469, SS1470

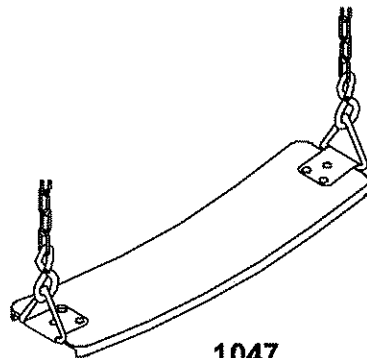


1468, 1472, 1481, 1483,
CC1468, CC1472, CC1481,
CC1482, CC1483, CC1484,
SS1468, SS1481, SS1483

BELT SEAT 1047
FULLY ENCLOSED SEAT 8520
1464, 1468, 1469, 1470,
1472, 1481, 1483, CC1464,
CC1468, CC1469, CC1470,
CC1472, CC1481, CC1482,
CC1483, CC1484, SS1464,
SS1469, SS1470, SS1468,
SS1481, SS1483
SEAT PACKAGES



8520



1047

SPECIFICATIONS

- Rights are reserved to discontinue or change specifications without notice.
- Bucket Seats shall be fabricated with .020" thick stainless steel inserts covered by a dark green colored EPDM rubber.
- Fully Enclosed Seats shall be fabricated with .025" thick stainless steel inserts covered by a dark green colored EPDM rubber.
- Seats shall be furnished with factory installed "S" Hooks.
- Commercial Belt Seat - an extra piece of fluted rubber at the front and back of seat gives it a cushion bumper.



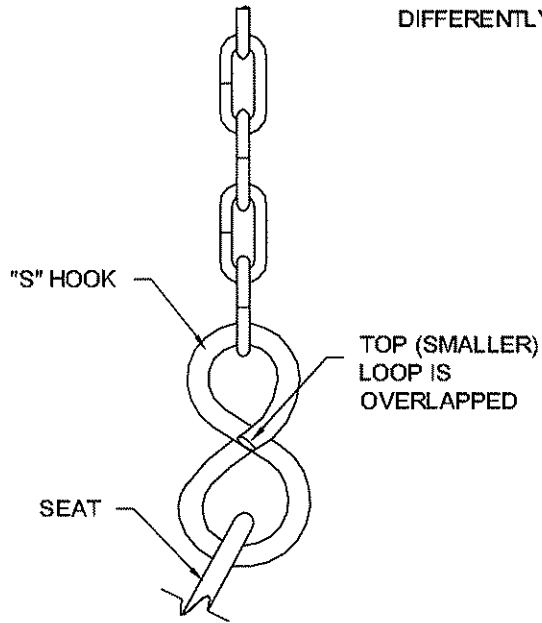
IMPORTANT PRODUCT INFORMATION AND SAFETY WARNINGS



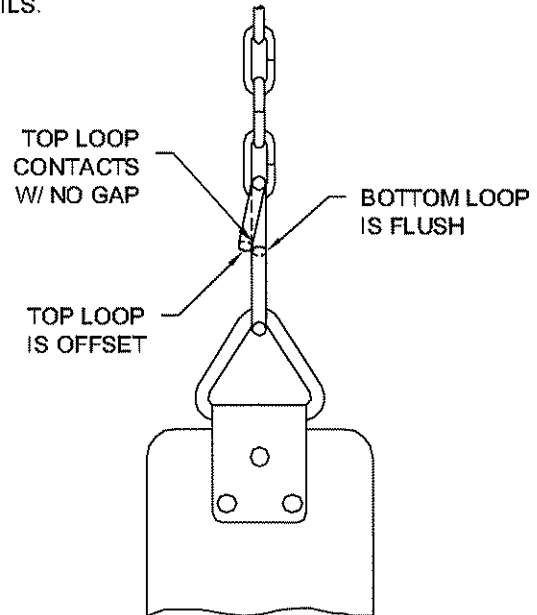
- Replace all worn "S" Hooks. "S" Hooks must be completely closed. Failure to close "S" Hooks properly can result in serious injury to the user. Never reuse "S" Hooks.
- All equipment should be installed on a soft, resilient, energy-absorbing ground surface. **NEVER INSTALL PLAY EQUIPMENT ON CONCRETE OR ASPHALT.** A fall on a hard surface can result in serious injury to the equipment user.
- **ALWAYS FOLLOW INSTALLATION INSTRUCTIONS WHEN ERECTING EQUIPMENT.**
- Worn surfaces around equipment should be restored. Concrete footings should never be exposed. Surface depth should comply with installation instructions.
- Equipment should be placed to eliminate conflicting traffic patterns.
- All protruding nuts and bolts should be covered; sharp edges on pipes should be capped or removed. Check for bent, broken or severely worn pipe and replace.
- Test overall stability and rigidity of all play equipment. Check for proper assembly, installation and ground anchoring.
- Check for and repair damage caused by wear or vandalism, a major factor in injury-causing situations.
- **THE SPECIFICATION SHEET SHOULD BE KEPT IN THE CUSTOMER'S FILES FOR ACCURATE REFERENCE.**
- Never add components not intended for use with this product.
- Regular maintenance is necessary on this and all playground equipment to ensure the safety of the user.
- Never use playground equipment around or in conjunction with swimming pools, ponds, lakes or any other bodies of water.

DETAIL OF PROPERLY CLOSED "S" HOOK

NOTE: TOP AND BOTTOM
LOOPS ARE CLOSED
DIFFERENTLY. SEE DETAILS.

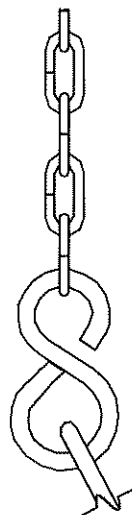


BACK VIEW

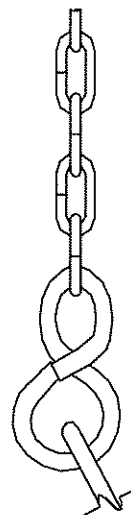


SIDE VIEW

"S" HOOK LOOPS MUST BE CLOSED PER THESE INSTRUCTIONS. FAILURE TO CLOSE "S" HOOK LOOP PROPERLY CAN RESULT IN SERIOUS INJURY TO THE USER. DO NOT REUSE AN "S" HOOK AFTER OPENING LOOPS. REPLACE WORN "S" HOOK(S).



WRONG



WRONG

PARTS LIST

DESCRIPTION	NO. REQ'D.			PART NUMBER
	1464	1469	1470	
Swing Seat Ass'y	1	1	1	8520
Swing Hanger (2 3/8" O.D.)	0	2	0	1461*
Swing Hanger (3 1/2" O.D.)	0	0	2	1462*
Swing Hanger (5" O.D.)	2	0	0	1487*
Chain (3'-10 3/8" LG)	2	2	2	131904*
	CC1464	CC1469	CC1470	
Swing Seat Ass'y	1	1	1	8520
Swing Hanger (2 3/8" O.D.)	0	2	0	1461*
Swing Hanger (3 1/2" O.D.)	0	0	2	1462*
Swing Hanger (5" O.D.)	2	0	0	1487*
Coated Chain (3'-5 1/2" LG)	2	2	2	141140*
		1481	1483	
Belt Seat		1	1	1047
Swing Hanger (2 3/8" O.D.)		2	0	1461*
Swing Hanger (3 1/2" O.D.)		0	2	1462*
Chain		2	2	153867*
		1468	CC1468	
Belt Seat		1	1	1047
Swing Hanger (5" O.D.)		2	2	1487*
Chain		0	2	153864*
Chain		2	0	103052*
	CC1481	CC1482	CC1483	CC1484
Belt Seat	1	1	1	1047
Swing Hanger (2 3/8" O.D.)	2	2	0	1461*
Swing Hanger (3 1/2" O.D.)	0	0	2	1462*
Chain	2	0	2	153868*
Chain	0	2	0	153869*

DESCRIPTION	NO. REQ'D.						PART NUMBER
	SS1464	SS1468	SS1469	SS1470	SS1481	SS1483	
Swing Seat Ass'y	1	0	1	1	0	0	8520
Belt Seat	0	1	0	0	1	1	1047
Swing Hanger (2 3/8" O.D.)	0	0	2	0	2	0	1461*
Swing Hanger (3 1/2" O.D.)	0	0	0	2	0	2	1462*
Swing Hanger (5" O.D.)	2	2	0	0	0	0	1487*
Stainless Steel Chain	2	0	2	2	0	0	177994*
Stainless Steel Chain	0	0	0	0	2	2	177990*
Stainless Steel Chain	0	2	0	0	0	0	177993*

Unless Otherwise Specified, All Units of Measure are Each

* Included in Hardware

NOTE: "CC" Prefix Before Package Number Indicates Seat with Coated Chain

**Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children.
Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed,
Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.**

1461

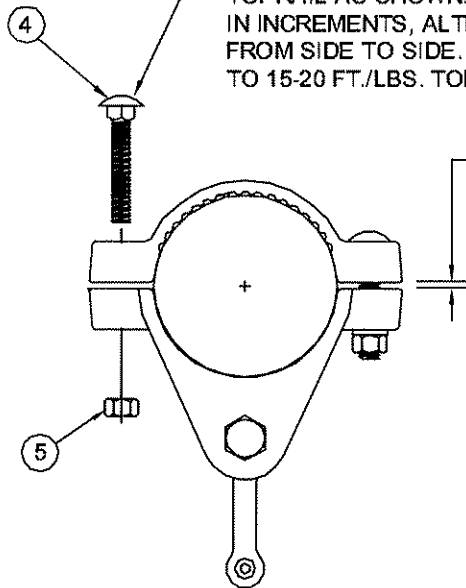
SWING HANGER

ISSUED/REVISED: 01/08/08

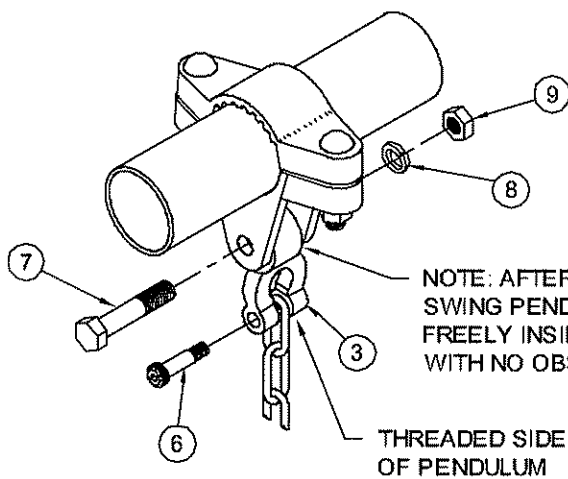
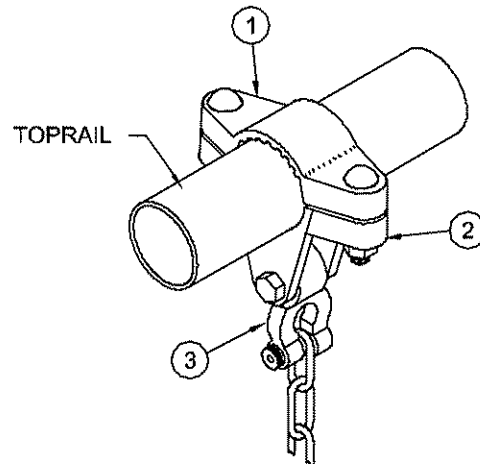
-  = INSTALLATION
DETAIL
-  = PARTS LIST
REFERENCE

**NOTE: 1461 GALVANIZED
1462 GALVANIZED
1463 PAINTED
1485 PAINTED
1486 PAINTED
1487 GALVANIZED**

PLACE SWING HANGER ON TOPRAIL AS SHOWN. TIGHTEN IN INCREMENTS, ALTERNATING FROM SIDE TO SIDE. TIGHTEN TO 15-20 FT./LBS. TORQUE.



SPACE BETWEEN TABS SHOULD BE EQUAL ON BOTH SIDES OF HANGER.



NOTE: AFTER ASSEMBLY IS COMPLETE, SWING PENDULUM SHOULD PIVOT FREELY INSIDE OF BOTTOM CLEVIS WITH NO OBSTRUCTION.

PAINTED	GALVANIZED	PIPE DIAMETER
1485	1461	2 3/8" [6.03cm] O.D. PIPE
1486	1462	3 1/2" [8.89cm] O.D. PIPE
1463	1487	5" [12.70cm] O.D. PIPE

SPECIFICATIONS

MATERIAL: All swing hanger castings shall be cast of malleable iron.

HARDWARE: All carriage bolts, lockwashers, hex nuts, and shoulder bolts shall be zinc plated with a clear chromate coating.

FINISH: All top and bottom clevis parts shall be galvanized or powder coated. The swing pendulum shall be galvanized only.

CONSTRUCTION: The swing hanger shall consist of a top clevis, bottom clevis, and swing pendulum. The top clevis shall have a non-slip-serrated surface. The pendulum shall incorporate a factory installed bronze bushing. The pendulum shall be attached to the bottom clevis with 1/2" x 2 1/2" hex bolt, 1/2" lockwasher, and 1/2" hex nut. The top and bottom clevis shall be attached with 3/8" carriage bolt and 3/8" lock nut.



SPECIFICATIONS: PLAYCORE has a policy of continuous improvement and reserves the right to discontinue or change specifications without notice.

PARTS LIST

REF. NO.	DESCRIPTION	NO. REQUIRED						PART NUMBER
		1461	1462	1463	1485	1486	1487	
1	Top Clevis	1	0	0	0	0	0	157000
1	Top Clevis	0	1	0	0	0	0	157002
1	Top Clevis	0	0	1	0	0	0	157382
1	Top Clevis	0	0	0	1	0	0	158223
1	Top Clevis	0	0	0	0	1	0	158221
1	Top Clevis	0	0	0	0	0	1	157005
2	Bottom Clevis	1	0	0	0	0	0	157011
2	Bottom Clevis	0	1	0	0	0	0	157012
2	Bottom Clevis	0	0	1	0	0	0	157383
2	Bottom Clevis	0	0	0	1	0	0	158233
2	Bottom Clevis	0	0	0	0	1	0	158230
2	Bottom Clevis	0	0	0	0	0	1	157013
3	Swing Pendulum	1	1	1	1	1	1	157010
4	3/8" x 2" Carriage Bolt	2	2	0	2	2	0	800256
4	3/8" x 1 3/4" Carriage Bolt	0	0	2	0	0	2	800290
5	3/8" Lock Nut	2	2	2	2	2	2	804353
6	3/8" x 1" Shoulder Bolt	1	1	1	1	1	1	811226
7	1/2" x 2 1/2" Hex Bolt	1	1	1	1	1	1	801200
8	1/2" Lockwasher	1	1	1	1	1	1	817342
9	1/2" Hex Nut	1	1	1	1	1	1	804055

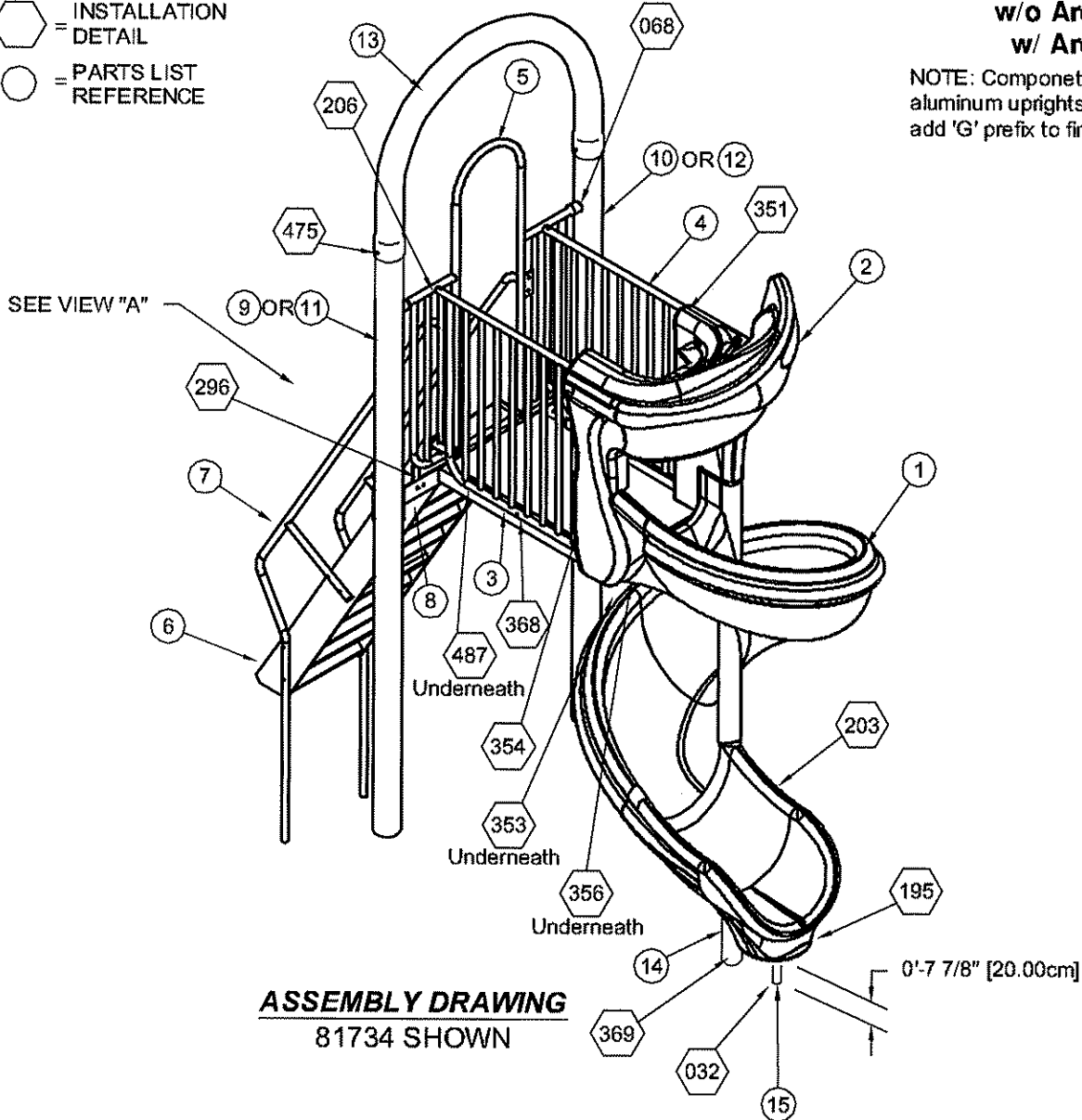
*Unless Otherwise Specified, All Units of Measure are Each
* Included in Hardware*

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

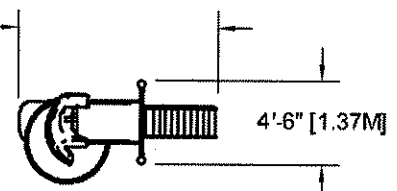
 = INSTALLATION
DETAIL
 = PARTS LIST
REFERENCE

w/o Arch **81733**
w/ Arch **81734**

NOTE: Component shown utilizes aluminum uprights. For galvanized, add 'G' prefix to final number.



ASSEMBLY DRAWING
81734 SHOWN

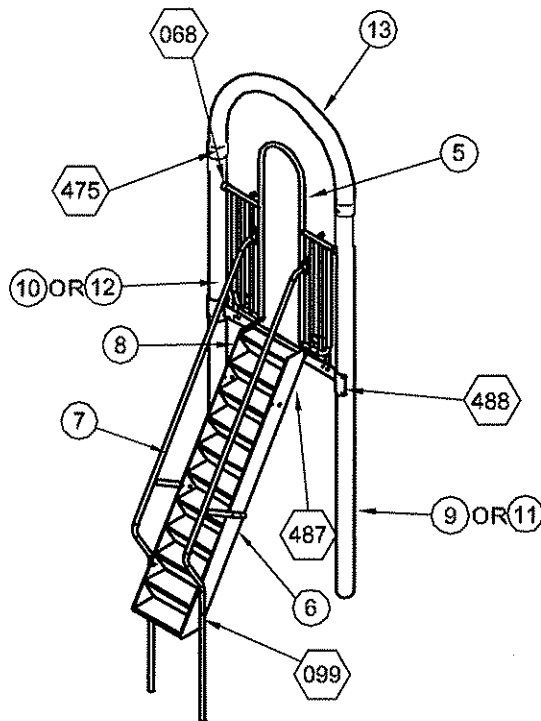


TOP VIEW

Owner/Operator Shall Install and Maintain Protective Surfacing Within the Use Zone (U.S.) or Protective Surfacing Zone (Canada) of All Play Equipment to Comply with ASTM F1292 and ASTM F-1487 (U.S.) or CAN/CSA-Z614 (CANADA).

For This Product, The ASTM Use Zone and CSA Protective Surfacing Zone are Determined by Extending Dimensions Shown Outwards a Distance of 6 Ft. (1.8 M) In All Four Directions.

VIEW "A"



INSTALLATION INSTRUCTIONS

NOTE: THIS SPECIFICATION BOOKLET SHOULD BE KEPT IN CUSTOMERS FILE FOR FUTURE REFERENCE.

NOTE: Do not over tighten bolts. To over tighten may cause buckling or dimpling of some parts.

NOTE: Do not tighten any nuts, bolts, rods, etc. until the unit is completed.

NOTE: Read installation instructions thoroughly before starting assembly. Pour concrete only after final assembly is completed. Bracing material is required during assembly.

NOTE: Assembly and leveling time will be greatly reduced if a transit is used to set location and depth of ground holes.

NOTE: Due to extremes in weather and soil conditions, hole size may have to be increased to meet local conditions.

Step 1: Lay out the ground holes using the ground plan.

Step 2: After digging the ground holes place a brick or equivalent in the bottom of each hole to provide a solid foundation for each upright.

Step 3: Attach the Mounting Bracket to the uprights using detail 488

Step 4: Attach Powerlock Base to the uprights as shown in detail 068. Slide the PowerLock Cap over the Entrance Archway. Snap the Locking Collar into place. Thread the Cap on to the Base. See detail 068. Attach the bottom of the Entrance Archway to the Mounting Bracket using detail 296.

Step 5: [This step is only for Slides with an Arch, if you don't have the arch, proceed to step 6.] Slide the Arch in the top of the uprights as shown in detail 475.

Step 6: Attach the Ladder Handrails to the Entrance Archway using detail 054.

Step 7: Attach the Ladder Ass'y and Platform to the Mounting Bracket using detail 487. Attach the Ladder Handrail to the Ladder Ass'y using detail 099.

Step 8: Attach the Platform Handrails to the Entrance Archway using detail 206.

Step 9: Attach the Platform to the Platform Handrails using detail 368.

Step 10: Place the Ground Socket over the Center Post of the Slide. Field Drill the Center Post. See detail 203. Attach the Footbuck to the Slide using detail 195.

Step 11: Place the Slide Ass'y into the ground holes and lift it to the Platform.

Step 12: Adjust the Platform Ass'y to be flush and level with the Slide. Attach the Slide to the Platform using detail 356.

Step 13: Attach the Hood to the Slide Assembly using Details 354, 353, and 351.

Step 14: Level and Plum the Freestanding Slide. Tighten all nuts, bolts, etc. Pour concrete. See Detail 032.

SPECIFICATIONS

STEEL UPRIGHT: Shall be 5" outside diameter, 11 gauge (.120") galvanized round tubing, manufactured to ASTM A-500 Grade B tolerances from cold-formed steel conforming to ASTM A-569 Sheet Spec for steel coil. Minimum yield strength shall be 50,000 psi and minimum tensile strength shall be 55,000 psi. The exterior surface is hot dip galvanized, chromate conversion coated, and a clear high performance organic polymer is applied. The inside diameter has 81% minimum zinc rich primer capable of providing excellent rust protection and fabrication characteristics. All coatings are applied inside and out after welding for superior corrosion protection throughout. Exterior surface galvanizing zinc purity is 99% as per ASTM B-6 high grade and special high grade. Galvanizing coverage shall demonstrate the ability to exceed 1000 hours salt spray corrosion exposure in accordance with ASTM B-117. Internal surface zinc rich 81% minimum zinc dust content in organic resin, as per ASTM F-1234, Section 5.2.4, Type D.

ALUMINUM UPRIGHTS: Shall be 5" outside diameter tubing, 1/8" wall thickness, extruded from 6005-T5 aluminum alloy conforming to ASTM-B-221. Minimum yield strength shall be 35,000 psi and minimum tensile strength shall be 38,000 psi. All upright posts shall have a finished grade line marking to indicate the correct playground safety surface level. All upright posts shall be coated with a custom formula TGIC polyester powder coating.

PUNCHED STEEL PLATFORM: The punched steel platform shall be fabricated from 11 gauge punched steel with a protective p&o finish. The platform shall consist of a welded assembly with an oven cured matte finish polyvinyl chloride (PVC) coating with a minimum coating thickness of .080". The Platform shall be exclusively dipped utilizing the DuraWear process with an extra thick coating on the top of the deck. The PVC coating shall have a hardness of Shore A 83 +/-5 normal durometer range. This material is classed as "Self Extinguishing", meets or exceeds automotive specifications NVSS302, and contains ultraviolet inhibitors to help prolong the life of the coating. The hole size shall measure 1 1/4" diameter after coating.

METAL RUNG ENCLOSURES: The enclosure barrier shall be fabricated of 1 5/16" O.D. x .083" (14 gauge) wall galvanized steel tubing. The vertical rungs shall be fabricated of 1 1/16" O.D. x .075" (15 gauge) wall galvanized steel tubing. The rung enclosure shall be an all welded assembly and shall be coated with a custom formula of TGIC polyester powder coating in conformance with the specifications outlined herein.

POWERLOCK CONNECTION: The Patented assemblies shall incorporate two die aluminum parts, in a distinctive purpose mounting systems that allows a rung panel to mount to the upright. Each is bolted directly into the upright post and designed to eliminate exposed hardware and protrusions. Each shall be die cast of 383 aluminum alloy, to resist corrosion. Minimum tensile strength shall be 45,000 psi, minimum yield strength shall be 22,000 psi. Every Powerlock shall be anodized for maximum protection. powerlock mounting hardware shall not be exposed, virtually eliminating tampering by vandals. All connectors shall be coated with a custom formula of TGIC polyester powder coating.

ACCESS LADDER: Step/Ladder assemblies shall be made from 11 gauge hot rolled steel in conformance with the specifications outlined herein. Step stringers shall be made from 11 gauge (.120 thick) hot rolled flat steel. Steps and stringers shall be an all welded assembly. Ladder handrails shall be fabricated from 1 5/16" O.D. x .083" (14 gauge) wall galvanized steel tubing. The handrails shall be an all welded assembly and shall be coated with a custom formula of TGIC polyester powder coating in conformance with the specifications outlined herein, after fabrication.

SLIDE: The slide and Hood shall be a double wall, one piece construction of color impregnated rotationally molded linear low density polyethylene with a 1/4" nominal wall thickness. Handrails shall be fabricated from 1 5/16" O.D. x .083" (14 gauge) wall galvanized steel tubing with vertical members fabricated of 1 1/16" O.D. x .075" (15 gauge) wall galvanized steel tubing. The handrails shall be an all welded assembly and shall be coated with a custom formula of TGIC polyester powder coating in conformance with the specifications outlined herein, after fabrication. The slide mast shall be fabricated from 2 7/8" O.D. (schedule 40), aluminum pipe. The ground socket is made of 3 1/2" O.D. (schedule 40) .216 wall thickness aluminum pipe. Rotationally molded products shall meet or exceed the following specifications: ASTM D-1248, type 2, class A and Federal specification LP-390C, type 1, class M, grade 2, category 3; Density (ASTM D-1505); Brittleness Temperature (ASTM D-746); Tensile Values (ASTM D-638); Flexural Modulus (ASTM D-790); Heat Distortion (ASTM-648); Low Temperature Impact (ARM-STD).

POWDER COAT FINISH: Shall be an electrostatically applied custom formula of TGIC polyester powder. All components will be free of sharp edges and excess weld spatter an shall be cleaned in a six stage bath system with an iron phosphate wash, as a rust inhibitor, and a sealer to prevent flash rusting before coating, The coating shall have a super tough finish with maximum exterior durability and will have superior adhesion characteristics. Typical Characteristics are: 3.0 - 5.0 mil thickness and oven cured between 375 to 425 degrees Fahrenheit. Pencil Hardness H (ASTM D-3363), Impact (ASTM D-2794-69), Wedge Bend (ASTM D-522-68).

HARDWARE: All nuts, bolts, screws, inserts and lock washers used in the assembly of all equipment, shall be stainless steel, yellow dichromate plated steel, blue-coat plated steel, mechanically galvanized or powder coated/yellow dichromate plated steel. All primary fasteners shall be 300 series stainless steel. Fasteners with yellow dichromate treatment have an electro deposited, 99.9% pure zinc substrate applied from a specially formulated solution sealed with a yellow dichromate top coat designed to work in conjunction with the zinc plating. Yellow dichromate has a 320% longer life to white corrosion and 275% longer to red corrosion than does hot-dip galvanizing.

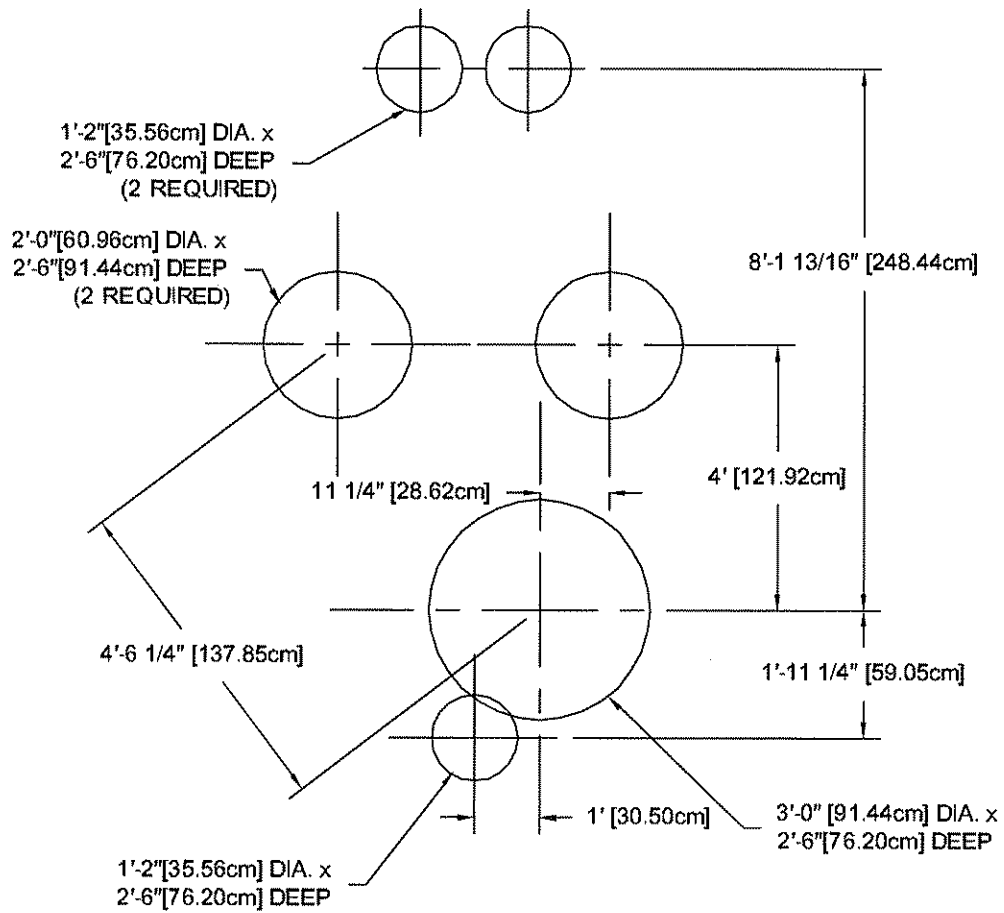
SPECIFICATIONS: GAMETIME® has a policy of continuous improvement and reserves the right to discontinue or change specifications without notice.



IMPORTANT PRODUCT INFORMATION AND SAFETY WARNINGS



- All equipment should be installed on a soft, resilient, energy-absorbing ground surface. NEVER INSTALL PLAY EQUIPMENT ON CONCRETE OR ASPHALT. A fall on a hard surface can result in serious injury to the equipment user.
- ALWAYS FOLLOW INSTALLATION INSTRUCTIONS WHEN ERECTING EQUIPMENT.
- Worn surfaces around equipment should be restored. Concrete footings should never be exposed. Surface depth should comply with installation instructions.
- Equipment should be placed to eliminate conflicting traffic patterns.
- All equipment should be free of rust and repainted whenever necessary to deter rusting.
- All protruding nuts and bolts should be covered; sharp edges on pipes should be capped or removed. Check for bent, broken or severely worn pipe and replace.
- Test overall stability and rigidity of all play equipment. Check for proper assembly, installation and ground anchoring.
- Check for and repair damage caused by wear or vandalism, a major factor in injury causing situations.
- GAMETIME® PROVIDES ITS CUSTOMERS WITH COMPLETE SPECIFICATION SHEETS AND INSTALLATION INSTRUCTIONS. THE SPECIFICATION SHEET CONTAINS THE LISTING OF EVERY PART USED IN A PIECE OF EQUIPMENT AND SHOULD BE KEPT IN THE CUSTOMER'S FILES FOR ACCURATE REFERENCE WHEN REPLACEMENT PARTS ARE NEEDED.
- Never add components not intended for use with this product.
- Regular maintenance is necessary on this and all park and recreational equipment to ensure the safety of the user.
- Proper maintenance of GAMETIME® equipment requires regular tightening of all bolts, nuts, and set screws.
- Check to be sure all fittings are tight and that the bars and pipes do not move.
- A soft resilient surface should be placed under all climbers, extending at least six feet in all directions surrounding the climbers. NEVER INSTALL PLAY EQUIPMENT ON CONCRETE OR ASPHALT.
- Assemble all slides on level ground to insure proper run-off of slide bedway. The run-off portion of bedway should slope downward no more than 4 degrees.
- Examine bedway, bedrails, handrails for foreign objects, holes and rough edges.
- Because metal slides left in the sun can cause burns, they should be placed in shaded areas whenever possible. Placing metal slides in a shaded location will also prevent them from reflecting the glare of the sun and interfering with children's vision.
- A soft, resilient surface should be placed under all slides, extending at least six feet in all directions surrounding the slides. NEVER INSTALL PLAY EQUIPMENT ON CONCRETE OR ASPHALT.



GROUND PLAN

CONCRETE REQUIRED:
1.23 CUBIC YARDS
[.94 CUBIC METERS]

NOTES: HOLE DEPTHS INDICATED ON ALL GROUND PLANS ARE MEASURED FROM THE FINISHED SURFACE. SEE DETAIL 032. ALL FOOTING DIMENSIONS ARE BASED ON LEVEL FINISHED SURFACE.

PARTS LIST

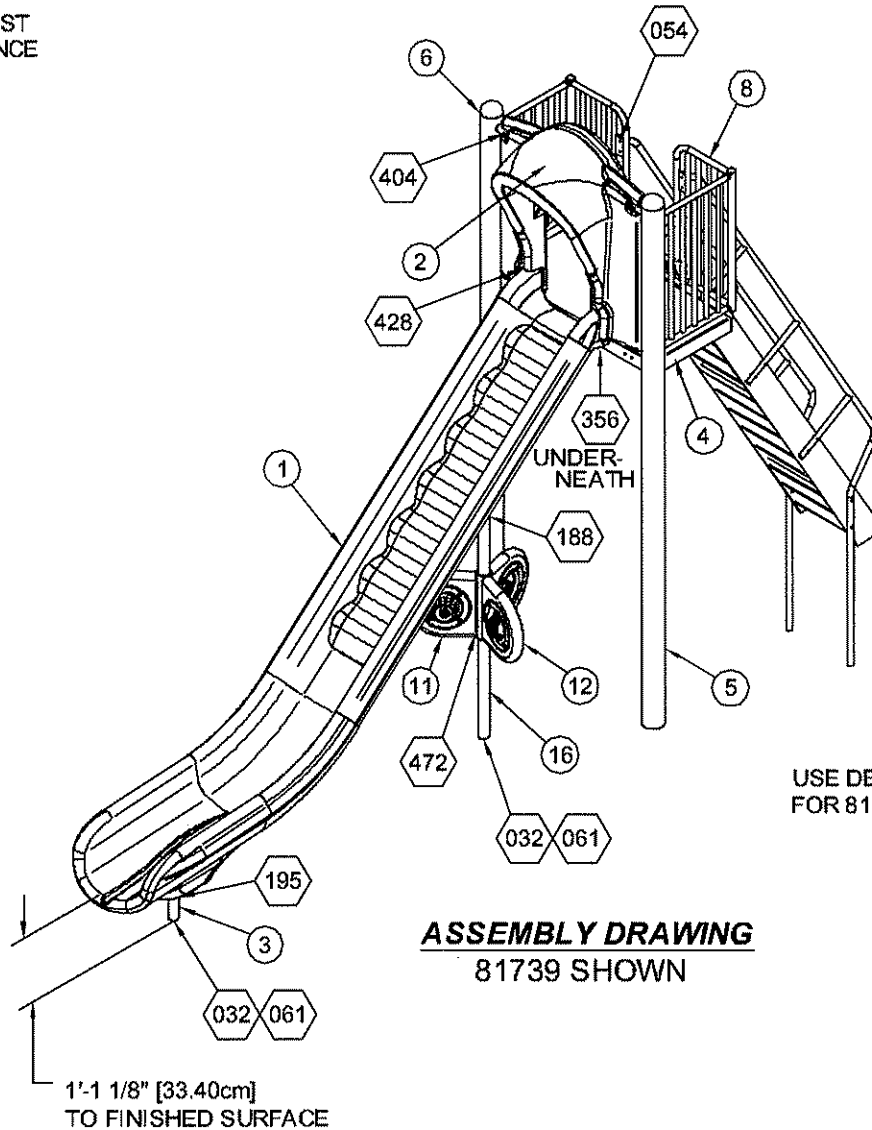
REF NO.	DESCRIPTION	NO. REQ'D.				PART NUMBER
		81733	G81733	81734	G81734	
1	F5 Spiral Slide	1	1	1	1	168262
2	F5 Spiral Slide Hood	1	1	1	1	168463
3	Platform Ass'y	1	1	1	1	176103
4	Platform Handrail Ass'y	2	2	2	2	176049
5	Entrance Archway Ass'y	1	1	1	1	168911
6	Ladder Ass'y	1	1	1	1	163507
7	Ladder Handrail Ass'y	2	2	2	2	138999
8	Mounting Bracket Ass'y	1	1	1	1	177882
9	Upright (Aluminum) Right	1	0	0	0	DC9903
9	Upright (Galvanized) Right	0	1	0	0	LC9903
10	Upright (Aluminum) Left	1	0	0	0	DC9904
10	Upright (Galvanized) Left	0	1	0	0	LC9904
11	Upright (Aluminum w/Arch) Right	0	0	1	0	DC9905
11	Upright (Galvanized w/Arch) Right	0	0	0	1	LC9905
12	Upright (Aluminum w/Arch) Left	0	0	1	0	DC9906
12	Upright (Galvanized w/Arch) Left	0	0	0	1	LC9906
13	Arch Ass'y (Aluminum)	0	0	1	1	177399
14	Ground Socket	1	1	1	1	168601
15	Footbuck	1	1	1	1	155426
	Hardware Complete	1	1	0	0	168908
	Hardware Complete	0	0	1	1	169374
	Power Lock Base	2	2	2	2	Z63515*
	Power Lock Cap	2	2	2	2	Z63517
	Locking Collar	2	2	2	2	162964*
	3/8" x 1" P.B.H.C.S. w Patch	8	8	8	8	812050*
	3/8" x 1 1/4" P.B.H.C.S. w Patch	10	10	10	10	812051*
	3/8" x 1 3/4" P.B.H.C.S. w Patch	2	2	2	2	812054*
	3/8" x 3/4" P.B.H.C.S. w Patch	4	4	4	4	812052*
	3/8" x 1 1/2" P.B.H.C.S. w Patch	16	16	16	16	812053*
	3/8" x 2 1/4" P.B.H.C.S. w Patch	4	4	4	4	812056*
	3/8" x 3 1/4" P.B.H.C.S. w Patch	1	1	1	1	812060*
	3/8" x 1 3/4" Hex Head Bolt	2	2	2	2	801006*
	3/8" Lockwasher	47	47	47	47	817334*
	3/8" Flatwasher (1 1/4" O.D.)	21	21	21	21	817424*
	3/8" Flatwasher	14	14	14	14	817410*
	3/8" Tee Nut	20	20	20	20	804556*
	3/8" Acom Nut	4	4	4	4	804002*
	3/8" Hex Nut	2	2	2	2	804053*
	1/2" x 3 1/2" Hex Head Bolt	2	2	2	2	801213*
	1/2" Lockwasher	2	2	2	2	817342*
	1/2" Hex Nut	2	2	2	2	804055*
	Pop Rivet	4	4	4	4	140068

*Unless Otherwise Specified, All Units of Measure are Each
* Included in Hardware*

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

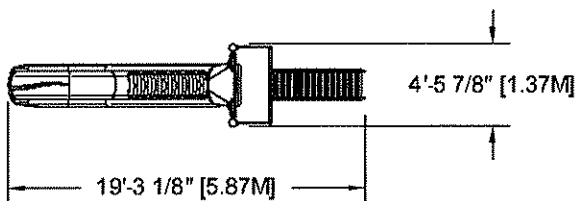
-  = INSTALLATION
 = DETAIL
-  = PARTS LIST
 = REFERENCE

81738
 W/ GIZMO PIECES 81739



USE DETAIL 472
 FOR 81739 ONLY

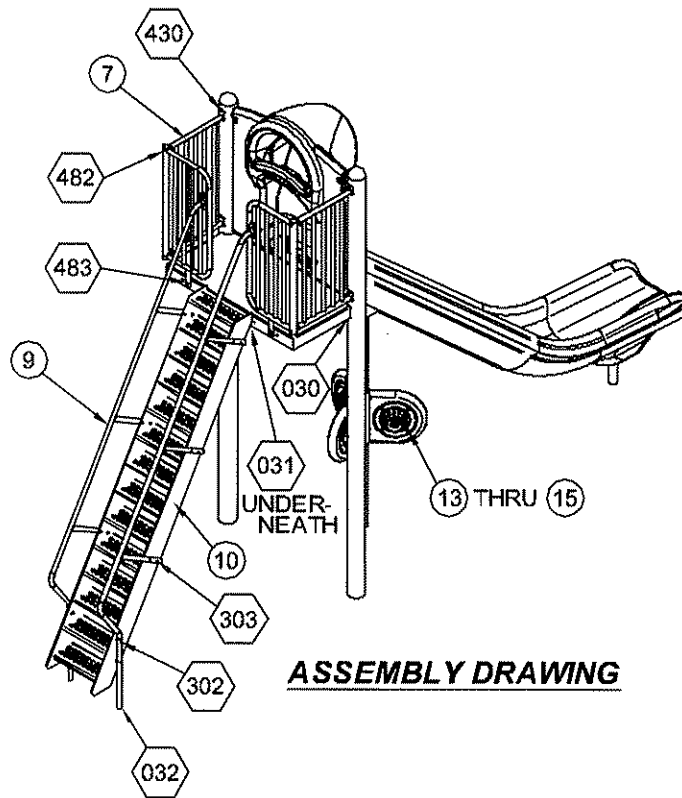
ASSEMBLY DRAWING
 81739 SHOWN



TOP VIEW

Owner/Operator Shall Install and Maintain Protective Surfacing Within the Use Zone (U.S.) or Protective Surfacing Zone (Canada) of All Play Equipment to Comply with ASTM F1292 and ASTM F-1487 (U.S.) or CAN/CSA-Z-614 (CANADA).

For This Product, The ASTM Use Zone and CSA Protective Surfacing Zone are Determined by Extending Dimensions Shown Outwards a Distance of 6 Ft. (1.8 M) In All Four Directions.



ASSEMBLY DRAWING

INSTALLATION INSTRUCTIONS

NOTE: THIS SPECIFICATION BOOKLET SHOULD BE KEPT IN CUSTOMERS FILE FOR FUTURE REFERENCE.

NOTE: Do not over tighten bolts. To over tighten may cause buckling or dimpling of some parts.

NOTE: Read installation instructions thoroughly before starting assembly. Pour concrete only after final assembly is completed. Bracing material may be required during assembly.

NOTE: Do not tighten any nuts, bolts, rods, etc. until the unit is completely assembled.

Step 1: Dig holes according to Ground Plan (see Footing Detail).

Step 2: Attach footbucks to slide using Detail 195.

Step 3: Attach ladder to platform using Detail 031.

Step 4: Drive pipe caps into ladder handrails and attach to ladder using Detail 302 & 303.

Step 5: Attach platform to uprights using Detail 030.

Step 6: Place ladder, platform and uprights into proper ground holes.

Step 7: Attach barrier enclosures to uprights using Detail 430.

Step 8: Attach entry enclosure to barrier enclosure using Detail 482. Also, attach to platform using Detail 483.

Step 9: Attach the ladder handrail to entry enclosure assembly using Detail 054.

Step 10: Attach the hood to the uprights using Detail 404.

Step 11: Place slide into position with footbuck in ground holes.

Step 12: Attach slide to the hood using Detail 428.

Step 13: Attach underside of slide to platform using Detail 356.

Step 14: Attach the Support Post to the bottom of the Slide using Detail 188. **Note:** If you have model 81739 slide the Frame Ass'y and required hardware over the Support Post before attaching to the Slide.

Step 15: This step is only for model 81739. Slide Single Gizmo Panels onto the Frame Ass'y and attach using Detail 472. Attach Gizmos.

Step 16: Level and plumb entire unit. Tighten all hardware. Pour concrete in ground holes to within 1'-0" [30.48cm] of finish surface (see Detail 032). Sway bracing may be required during the step. Allow concrete to harden for 48 hours.

NOTE: Due to extremes in weather and soil conditions, hole sizes may have to be increased to meet local conditions.

SPECIFICATIONS

STEEL UPRIGHT: Shall be 5" outside diameter, 11 gauge (.120") galvanized round tubing, manufactured to ASTM A-500 Grade B tolerances from cold-formed steel conforming to ASTM A-569 Sheet Spec for steel coil. Minimum yield strength shall be 50,000 psi and minimum tensile strength shall be 55,000 psi. The exterior surface is hot dip galvanized, chromate conversion coated, and a clear high performance organic polymer is applied. The inside diameter has 81% minimum zinc rich primer capable of providing excellent rust protection and fabrication characteristics. All coatings are applied inside and out after welding for superior corrosion protection throughout. Exterior surface galvanizing zinc purity is 99% as per ASTM B-6 high grade and special high grade. Galvanizing coverage shall demonstrate the ability to exceed 1000 hours salt spray corrosion exposure in accordance with ASTM B-117. Internal surface zinc rich 81% minimum zinc dust content in organic resin, as per ASTM F-1234, Section 5.2.4, Type D.

PUNCHED STEEL PLATFORM: The punched steel platform shall be fabricated from 11 gauge punched steel with a protective p&o finish. The platform shall consist of a welded assembly with an oven cured matte finish polyvinyl chloride (PVC) coating with a minimum coating thickness of .080". The Platform shall be exclusively dipped utilizing the DuraWear process with an extra thick coating on the top of the deck. The PVC coating shall have a hardness of Shore A 83 +/-5 normal durometer range. This material is classed as "Self Extinguishing", meets or exceeds automotive specifications NVSS302, and contains ultraviolet inhibitors to help prolong the life of the coating. The hole size shall measure 1 1/4" diameter after coating.

BARRIER & ENTRY ENCLOSURES: The barrier enclosure shall be fabricated from 1-5/16" O.D., 14 gauge (.083") wall galvanized steel tubing. The vertical rungs shall be manufactured from 1 1-1/16" O.D., 15 gauge (.075") wall galvanized steel tubing. Mounting tabs shall be 1/8" hot rolled steel. The entry enclosure shall be fabricated from 1-5/16" O.D., 14 gauge (.083") wall galvanized steel tubing. The vertical rungs shall be manufactured from 1-1/16" O.D., 15 gauge (.075") wall galvanized steel tubing. Upright post shall be 1-5/16" O.D., 14 gauge (.083") wall galvanized steel tubing, and mounting tabs shall be 1/8" hot rolled steel. Both the barrier and the entry enclosures shall be one-piece welded assemblies and shall be coated with a custom formula TGIC polyester powder coating in conformance with the specifications outlined herein.

ACCESS LADDER: Step/Ladder assemblies shall be made from 11 gauge hot rolled steel in conformance with the specifications outlined herein. Step stringers shall be made from 11 gauge (.120 thick) hot rolled flat steel. Steps and stringers shall be an all welded assembly. Ladder handrails shall be fabricated from 1 5/16" O.D. x .083" (14 gauge) wall galvanized steel tubing. The handrails shall be an all welded assembly and shall be coated with a custom formula of TGIC polyester powder coating in conformance with the specifications outlined herein, after fabrication.

SLIDE: Zip Slides and hoods shall be color impregnated linear low-density polyethylene and shall conform to the rotationally molded specifications outlined herein with double wall construction molded to a minimum .25" wall thickness. Single bedway Zip Slides shall have a minimum inside bed width of 17.5" while double bedway Zip Slides shall have a minimum inside bed width of 16.5" on each bedway. Outside the bedway surface. The angle of descent shall be no greater than 50°. Each Zip Slide works in conjunction with a rotationally molded hood that has an integrated cross bar which force users to a seated position. The exit section of the bedway shall have a minimum 40" radius for a smooth transition from the slide chute to the run-out area. The run-out shall be angled at a maximum of 4° with an integrated drain at 5° to reduce pooling of water. Zip Slides bolt directly to the deck and to the slide hood.

HARDWARE: All nuts, bolts, screws, inserts and lock washers used in the assembly of all equipment, shall be stainless steel, yellow dichromate plated steel, blue-coat plated steel, mechanically galvanized or powder coated/yellow dichromate plated steel. All primary fasteners shall be 300 series stainless steel. Fasteners with yellow dichromate treatment have an electro deposited, 99.9% pure zinc substrate applied from a specially formulated solution sealed with a yellow dichromate top coat designed to work in conjunction with the zinc plating. Yellow dichromate has a 320% longer life to white corrosion and 275% longer to red corrosion than does hot-dip galvanizing.

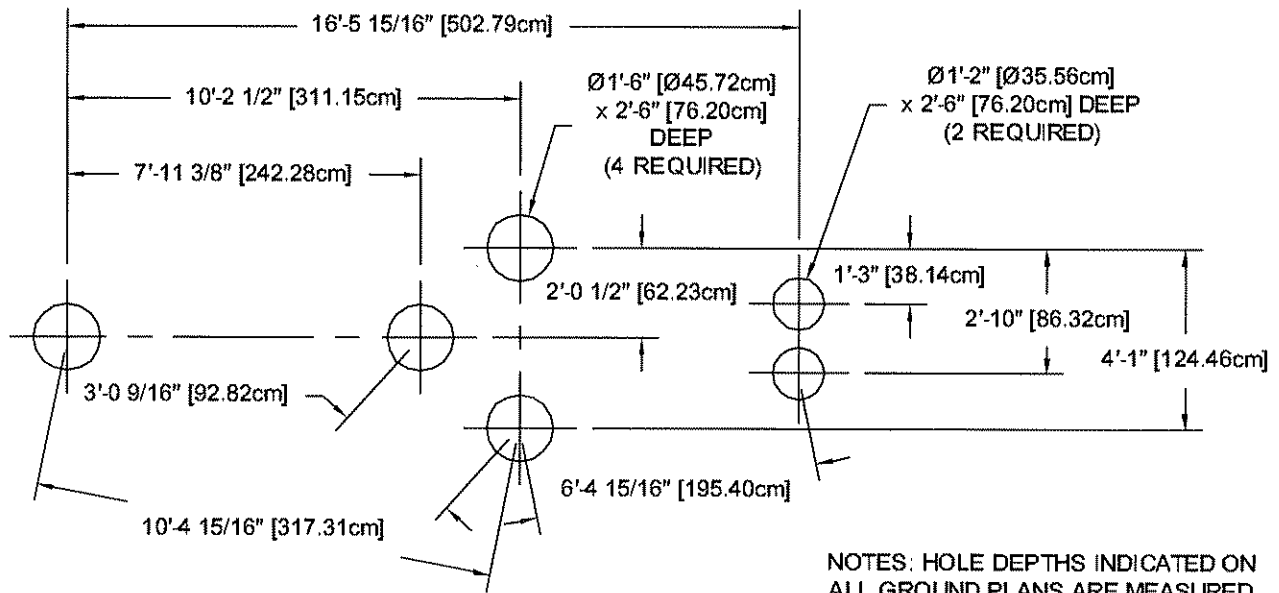
SPECIFICATIONS: GAMETIME® has a policy of continuous improvement and reserves the right to discontinue or change specifications without notice.



IMPORTANT PRODUCT INFORMATION AND SAFETY WARNINGS



- All equipment should be installed on a soft, resilient, energy-absorbing ground surface. **NEVER INSTALL PLAY EQUIPMENT ON CONCRETE OR ASPHALT.** A fall on a hard surface can result in serious injury to the equipment user.
- ALWAYS FOLLOW INSTALLATION INSTRUCTIONS WHEN ERECTING EQUIPMENT.**
- Worn surfaces around equipment should be restored. Concrete footings should never be exposed. Surface depth should comply with installation instructions.
- Equipment should be placed to eliminate conflicting traffic patterns.
- All equipment should be free of rust and repainted whenever necessary to deter rusting.
- All protruding nuts and bolts should be covered; sharp edges on pipes should be capped or removed. Check for bent, broken or severely worn pipe and replace.
- Test overall stability and rigidity of all play equipment. Check for proper assembly, installation and ground anchoring.
- Check for and repair damage caused by wear or vandalism, a major factor in injury-causing situations.
- GameTime® PROVIDES ITS CUSTOMERS WITH COMPLETE SPECIFICATION SHEETS AND INSTALLATION INSTRUCTIONS. THE SPECIFICATION SHEET CONTAINS THE LISTING OF EVERY PART USED IN A PIECE OF EQUIPMENT AND SHOULD BE KEPT IN THE CUSTOMER'S FILES FOR ACCURATE REFERENCE WHEN REPLACEMENT PARTS ARE NEEDED.**
- Never add components not intended for use with this product.
- Regular checking of all parts, castings, etc. should be made. If a part is broken or worn it should be replaced immediately.
- Proper maintenance of GameTime® equipment requires regular tightening of all bolts, nuts, and set screws.
- Check to be sure all fittings are tight and that the bars and pipes do not move.
- A soft, resilient surface should be placed under all climbers, extending at least six feet in all directions surrounding the climbers. **NEVER INSTALL PLAY EQUIPMENT ON CONCRETE OR ASPHALT.**
- Assemble all slides on level ground to insure proper run-off of slide bedway. The runoff portion of bedway should slope downward no more than 4 degrees.
- Examine bedway, bedrails, handrails for foreign objects, holes, and rough edges.
- Because metal slides left in the sun can cause burns, they should be placed in shaded areas whenever possible. Placing metal slides in a shaded location will also prevent them from reflecting the glare of the sun and interfering with children's vision.
- A soft resilient surface should be placed under all slides, extending at least six feet in all directions surrounding the slides. **NEVER INSTALL PLAY EQUIPMENT ON CONCRETE OR ASPHALT.**



CONCRETE REQUIRED:
 .59 CUBIC YARDS
 [.45 CUBIC METERS]

GROUND PLAN

NOTES: HOLE DEPTHS INDICATED ON ALL GROUND PLANS ARE MEASURED FROM THE FINISHED SURFACE. SEE DETAIL 032. ALL FOOTING DIMENSIONS ARE BASED ON LEVEL FINISHED SURFACE.

PARTS LIST

REF NO.	DESCRIPTION	NO. REQ'D.		PART NUMBER
		81738	81739	
1	8' Zip Slide	1	1	176689
2	Single Hood	1	1	176156
3	Footbuck	1	1	176385
4	Punched Steel Deck	1	1	168632
5	Upright (Galvanized) Left	1	1	LG5319
6	Upright (Galvanized) Right	1	1	LG5316
7	Barrier Enclosure Assembly	2	2	177640
8	Entry Enclosure Assembly	2	2	177636
9	Ladder Handrail	2	2	160831
10	Ladder Assembly	1	1	165532
11	Frame Assembly	0	1	177156
12	Single Gizmo Panel	0	3	169416
13	Click Wheel	0	1	169693
14	Maze	0	1	169695
15	Echo Chamber	0	1	169696
16	Support Post	1	1	177159
	Hardware Complete	1	0	177667
	Hardware Complete	0	1	177668
	Panel Connector	2	2	W63519*
	3/8" x 3/4" P.B.H.C.S w/Patch	4	4	812052*
	3/8" x 1" P.B.H.C.S. w/Patch	8	8	812050*
	3/8" x 1 1/4" P.B.H.C.S. w/Patch	4	4	812051*
	3/8" x 1 1/2" P.B.H.C.S. w/Patch	20	20	812053*
	3/8" x 1 3/4" P.B.H.C.S. w/Patch	2	2	812054*
	3/8" x 2 3/4" P.B.H.C.S. w/Patch	8	8	812058*
	3/8" x 1 3/4" Hex Head Bolt	2	8	801006*
	3/8" x 3" Hex Head Bolt	2	2	801011*
	3/8" Tee Nut	20	26	804556*
	3/8" Acom Nut	4	4	804002*
	3/8" Hex Nut	4	4	804053*
	3/8" Lockwasher	48	54	817334*
	3/8" Flatwasher	18	24	817410*
	3/8" Flatwasher (1" O.D.)	2	2	817401*
	3/8" Flatwasher (1 1/4" O.D.)	16	16	817424*
	Nylon Bushing	0	2	140651*
	Collar	0	2	126934*
	3/8" x 3/8" Set Screw	0	4	811549*
	6" Extension	2	2	151080*
	1" Pipe Cap	6	6	1022*

*Unless Otherwise Specified, All Units of Measure are Each
* Included in Hardware*

**Warning: During Installation, Hardware And Small Parts Are Choking Hazards
For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed.
Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment
And Dispose/Save Them In A Secure Location.**



Enriching Childhood Through Play.
1-800-235-2440

7063

COSMIX CLIMBER

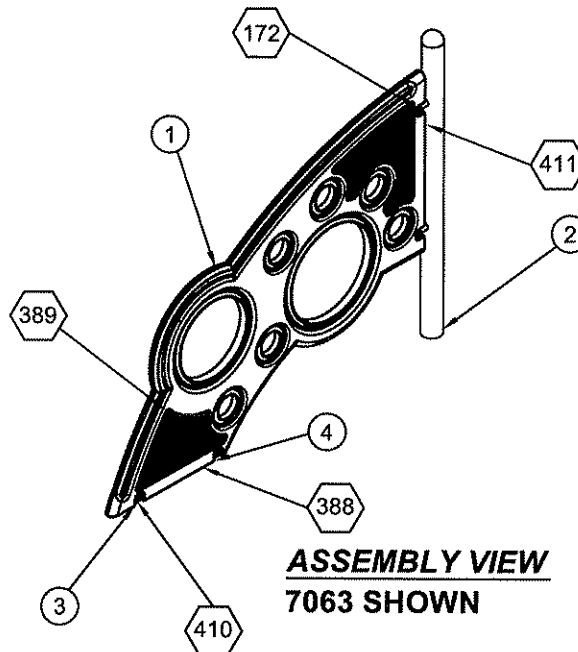
ISSUED/REVISED: 7/20/04

-  = INSTALLATION DETAIL
-  = PARTS LIST REFERENCE

6' COSMIX CLIMBER	7063
8' COSMIX CLIMBER	7064
6' COSMIX ARCH	7065
8' COSMIX ARCH	7066
6' COSMIX STATION	7067
8' COSMIX STATION	7068

*OWNER/OPERATOR SHALL INSTALL AND MAINTAIN PROTECTIVE SURFACING WITHIN THE USE ZONE (U.S.) OR PROTECTIVE SURFACING ZONE (CANADA) OF ALL PLAY EQUIPMENT TO COMPLY WITH ASTM F1292 AND ASTM F1487 (U.S.) OR CAN/CSA-Z614 (CANADA).

*THE ASTM USE ZONE AND CSA PROTECTIVE SURFACING ZONE ARE DETERMINED BY EXTENDING THE PRODUCT OUTSIDE DIMENSIONS SHOWN A MINIMUM ADDITIONAL DISTANCE OF 6'-0" [1.8M] IN ALL DIRECTIONS.



ASSEMBLY VIEW
7063 SHOWN

SPECIFICATIONS

COSMIX CLIMBER: This one-piece climber shall be color impregnated linear low density polyethylene with UV stabilized color and an anti static compound additive. The climber shall have a nominal wall thickness of 1/4". All rotationally molded products shall meet or exceed the following specifications: ASTM D 1248, type 2, class A and Federal specification LP 390C, type 1, class M, grade 2, category 3; Density (ASTM D 1505); Brittleness Temperature (ASTM D 746); Tensile Values (ASTM D 638); Flexural Modulus (ASTM D 790); Heat Distortion (ASTM-648); Low Temperature Impact (ARM-STD). The climber utilizes "holes" to allow the user to ascend and descend at their level of ability.

FOOTBUCKS: All welded construction of SCH. 40 1.9" O.D. galvanized steel pipe with a 1/8" X 1" X 1 13/16" flat stainless steel tab.

UPRIGHT: Shall be fabricated of 5" O.D. galvanized pipe.

FINISH: The Panel Attachment Power Lock, upright, and foot bucks shall be powder coated with a custom formula of TGIC polyester powder, after fabrication.

HARDWARE: The Panel Attachment Power Lock is bolted directly into the upright post. It shall be die cast of 383 aluminum alloy to resist corrosion. Every Panel Attachment Power Lock shall be anodized for maximum protection. Minimum tensile strength shall be 45,000 psi, minimum yield strength shall be 22,000 psi. All nuts, bolts, screws, inserts, and lock washers used in the assembly of all play equipment, shall be stainless steel, yellow dichromate plated steel, blue-coat plated steel, mechanically galvanized or powder coated/yellow dichromate plated steel.

SPECIFICATIONS: GAMETIME© has a policy of continuous improvement and reserves the right to discontinue or change specifications without notice.

PARTS LIST

REF NO.	DESCRIPTION	NO. REQUIRED						PART NUMBER
		7063	7064	7065	7066	7067	7068	
1	6' Cosmix Climber	1	0	2	0	3	0	169358
1	8' Cosmix Climber	0	1	0	2	0	3	169560
2	Upright	1	0	0	0	0	0	LD8825
2	Upright	0	1	0	0	0	0	LD8826
2	Upright	0	0	1	0	0	0	LD8827
2	Upright	0	0	0	1	0	0	LD8828
2	Upright	0	0	0	0	1	0	LD8829
2	Upright	0	0	0	0	0	1	LD8830
3	Foot Buck	1	0	2	0	3	0	169601
3	Foot Buck	0	1	0	2	0	3	169600
4	Foot Buck	1	0	2	0	3	0	169599
4	Foot Buck	0	1	0	2	0	3	169602
	Hardware Complete	1	1	0	0	0	0	169521
	Hardware Complete	0	0	1	1	0	0	169522
	Hardware Complete	0	0	0	0	1	1	169523
	Panel Attachment Power Lock	2	2	4	4	6	6	W63519*
	3/8" x 1" P.B.H.C.S. w/Patch	4	4	8	8	12	12	812050*
	3/8" x 2" P.B.H.C.S. w/ patch	2	2	4	4	6	6	812055*
	3/8" x 2 1/4" P.B.H.C.S. w/ patch	2	2	4	4	6	6	812056*
	3/8" x 2 1/2" P.B.H.C.S. w/ patch	2	2	4	4	6	6	812057*
	3/8" Tee Nut	6	6	12	12	18	18	804556*
	3/8" Lock Washer	10	10	20	20	30	30	817334*
	3/8" x 1 3/4" Hex Head Bolt	2	2	4	4	6	6	801006*
	3/8" Flat Washer	6	6	12	12	18	18	817410*
	3/8" Flat Washer (1 1/4" O.D.)	2	2	4	4	6	6	817424*
	Bolt Guard	2	2	4	4	6	6	156079*

*Unless Otherwise Specified, All Units of Measure are Each
* Included in Hardware*

**Warning: During Installation, Hardware And Small Parts Are Choking Hazards
For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed.
Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment
And Dispose/Save Them In A Secure Location.**

INSTALLATION INSTRUCTIONS

NOTE: THIS SPECIFICATION BOOKLET SHOULD BE KEPT IN CUSTOMER'S FILE FOR FUTURE REFERENCE.

NOTE: Do not over tighten bolts. To over tighten may cause buckling or dimpling of some parts.

NOTE: Read installation instructions thoroughly before starting assembly. Pour concrete only after final assembly is complete. Bracing material may be required during assembly.

NOTE: Do not tighten any nuts, bolts, rods, etc. until the unit is completely assembled.

NOTE: Assembly and leveling time will be greatly reduced if a transit is used to set location and depth of ground holes.

NOTE: It is important to check the hole location in the upright and on the drawings while assembling this unit.

NOTE: Place a brick or equivalent at the bottom of ground holes (where shown), to provide a solid foundation. Allow for this in hole depth.

STEP 1: Dig footing holes according to the Ground Plan. See Ground Plan and Detail 003 for dimensions and notes regarding surfacing, etc.

STEP 2: Attach the Panel Attachment Power Locks to the upright as shown in Detail 172. Refer to the Ground Plan and Assembly Drawing for proper orientation of Panel Attachment Power Locks.

NOTE: Tighten hardware that holds the Panel Attachment Power Locks to the upright at this point. The hardware will not be accessible once Cosmix Climber(s) are attached to the upright.

STEP 3: Connect the Foot bucks to the Cosmix Climber(s) using Details 388 and 389. Fill unused inserts and bolt holes using Details 410 and 411.

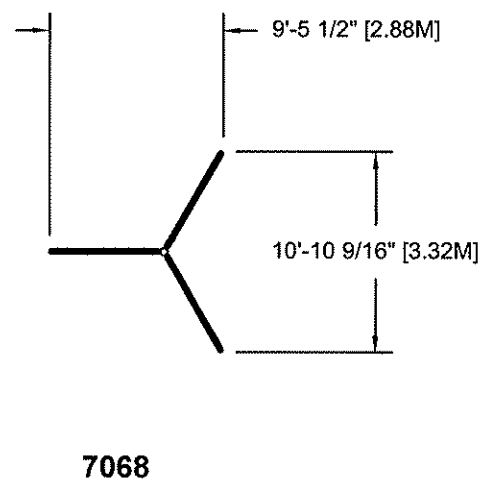
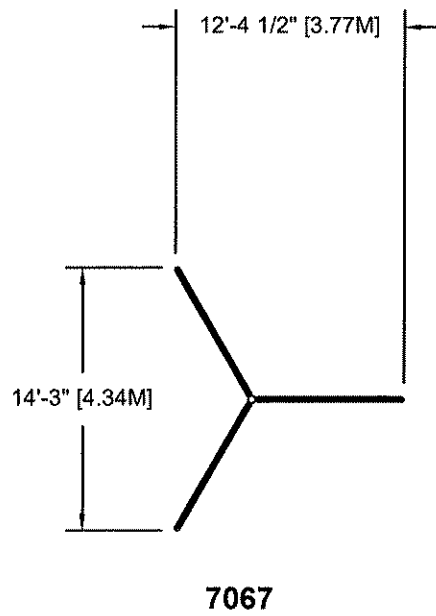
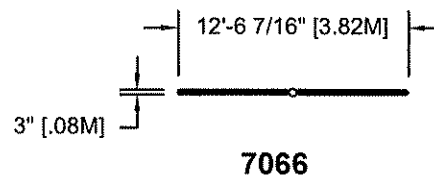
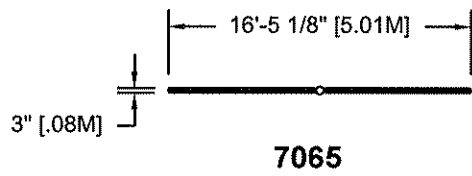
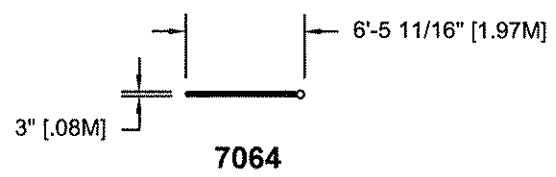
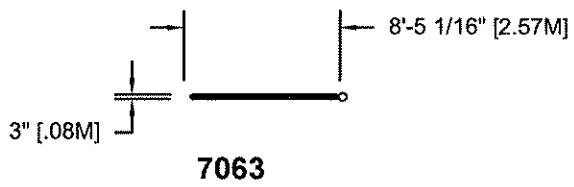
STEP 4: With sufficient manpower, place the upright into its ground hole and hold it vertical. Lift the Cosmix Climber Assembly(s) and place the Foot bucks into their corresponding ground holes. Attach the Cosmix Climber(s) to the upright using Detail 172

STEP 5: Check and make sure the upright is vertical and plumb. Make adjustments as required.

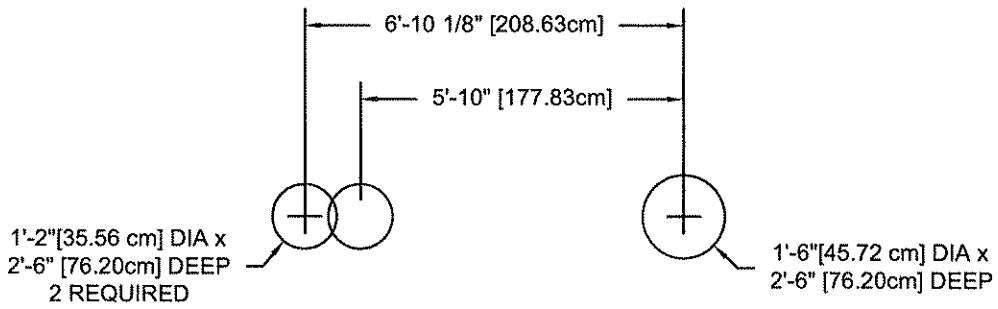
STEP 6: Tighten all nuts, bolts, etc.

NOTE: Loctite (supplied by others) should be used on all threaded hardware.

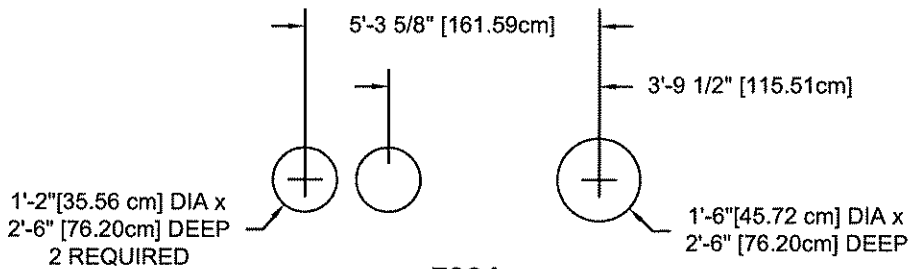
STEP 7: Pour concrete into footings. Allow 48 hours cure time before use. Refer to Detail 003.



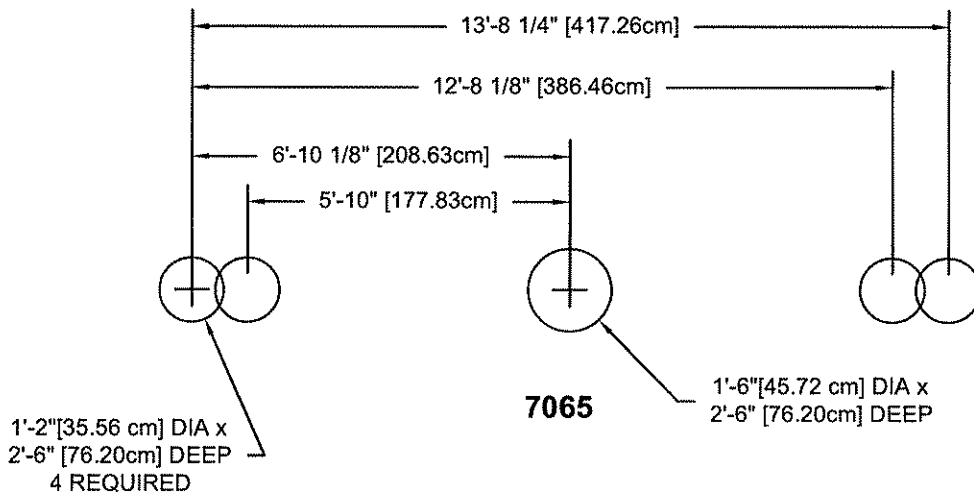
TOP VIEWS



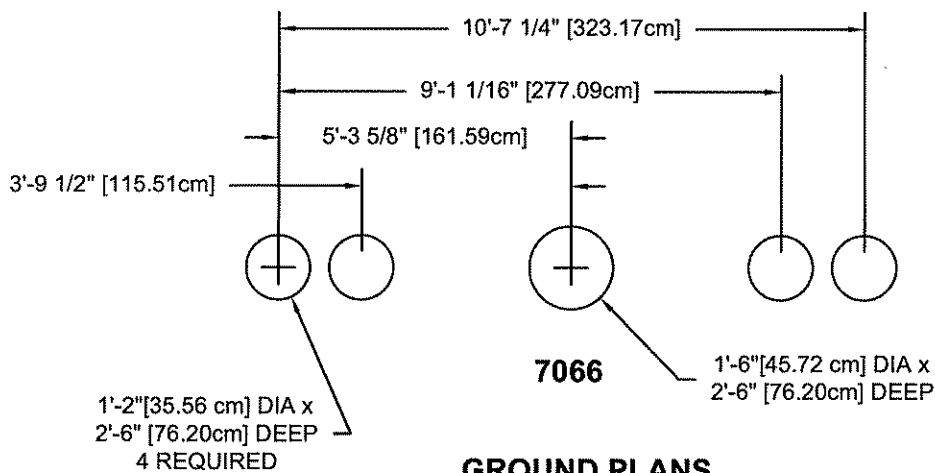
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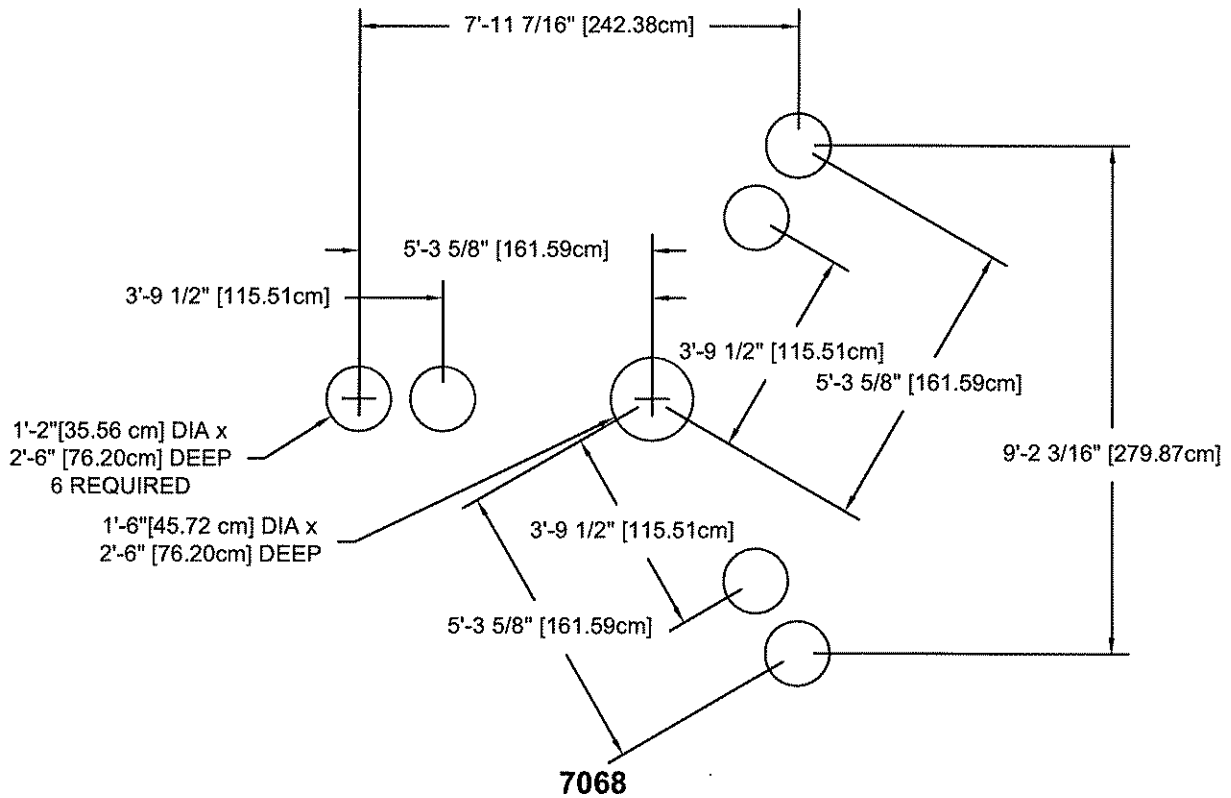
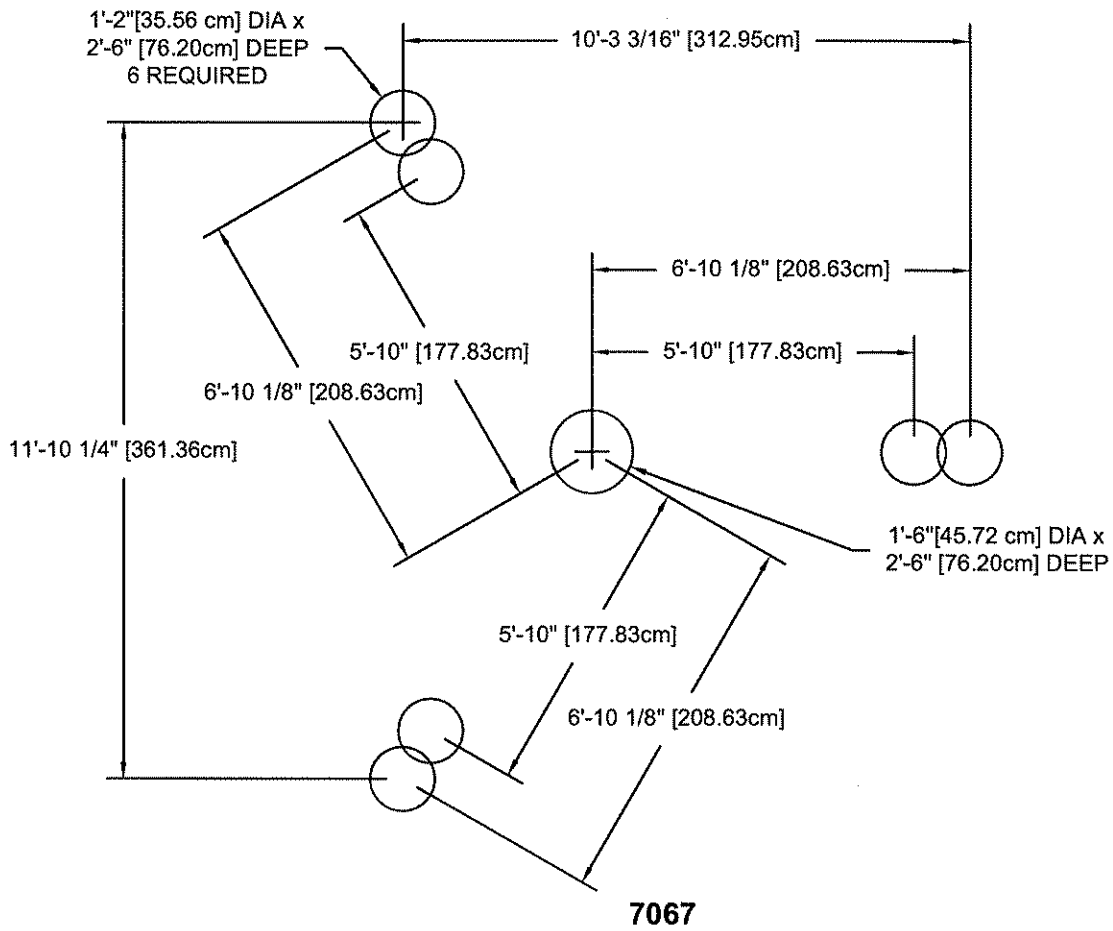


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7066

GROUND PLANS



GROUND PLANS



IMPORTANT PRODUCT INFORMATION AND SAFETY WARNINGS



- All equipment should be installed on a soft, resilient, energy-absorbing ground surface. NEVER INSTALL PLAY EQUIPMENT ON CONCRETE OR ASPHALT. A fall on a hard surface can result in serious injury to the equipment user.
- ALWAYS FOLLOW INSTALLATION INSTRUCTIONS WHEN ERECTING EQUIPMENT.
- Worn surfaces around equipment should be restored. Concrete footings should never be exposed. Surface depth should comply with installation instructions.
- Equipment should be placed to eliminate conflicting traffic patterns.
- All protruding nuts and bolts should be covered; sharp edges on pipes should be capped or removed. Check for bent, broken or severely worn pipe and replace.
- Test overall stability and rigidity of all play equipment. Check for proper assembly, installation and ground anchoring.
- Check for and repair damage caused by wear or vandalism, a major factor in injury-causing situations.
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- Never add components not intended for use with this product.
- Regular maintenance is necessary on this and all park and recreational equipment to ensure the safety of the user.
- Proper maintenance of GAMETIME® equipment requires regular tightening of all bolts, nuts, and set screws.
- Check to be sure all fittings are tight and that the bars and pipes do not move.
- A soft, resilient surface should be placed under all climbers, extending at least six feet in all directions surrounding the climbers. NEVER INSTALL PLAY EQUIPMENT ON CONCRETE OR ASPHALT.