



Northwest Playground  
Equipment, Inc.

# Most Dependable Fountains



Justin Patterson, CPRP, CPSI  
NW Playground Equipment Inc.

# NW Playground Equipment

- ▶ My background
- ▶ Family owned company for 25 years
- ▶ 2 Oregon offices, Alaska, Washington, Idaho and Montana



# Topics for today

- ▶ Who is MDF?
  - ▶ Company
  - ▶ Products-you'd be surprised
  - ▶ Its about enhancing spaces, user enjoyment
- ▶ Common Questions, Advice, Installs
- ▶ Design considerations



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# Most Dependable Fountains

- ▶ Founded 25 years ago
- ▶ Plumbers in their garage-like all great companies
- ▶ Arlington, Tennessee
- ▶ Terrific website, easy to work with, lots of help



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# Products

- ▶ Known for drinking fountains
  - ▶ Steel or stainless steel, aggregate
  - ▶ Powder coated finishes in multiple colors
- ▶ Bike/paddle accessories
- ▶ Misters
- ▶ Dog items and grills



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# Pedestal Fountains- 400 Series



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# Pedestal Fountains- Chilled Series



- ▶ 8 GPH chilled water
- ▶ 115VAC connection

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# Pedestal Fountains- Trough Series



- ▶ Unique design
- ▶ Drains to a below ground perforated drain pipe
- ▶ No waste line

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# Pedestal Fountains- Historic and Aggregate



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# Pedestal Fountains-Contour and Economy



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# Bottle Fillers



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# Bottle Fillers

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- ▶ Dog bowls
- ▶ Chilled option



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# Pets-Tons of Options

- ▶ Wash stations
- ▶ Misting stations



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# Pets-Tons of Options

- ▶ Waste stations
- ▶ Foot operated
- ▶ Wall mounted



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# Showers and Wash Stations

- ▶ Accessible
- ▶ With fountains
- ▶ Foot wash option



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# Innovative Options-Misters/Play



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# Innovative Options-Watercraft

- ▶ Accessible
- ▶ Rack for items
- ▶ Wash station
- ▶ Watercraft code



# Innovative Options-Bicycles

- ▶ Accessible
- ▶ Rack for items
- ▶ Wash station
- ▶ Air feature



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# Commons Questions/Advice

- ▶ 1 Year Warranty
- ▶ Bulletproof designs
- ▶ Problems can happen though
  - ▶ Winterization
  - ▶ Vandalism
  - ▶ Repair and maintenance

# Commons parts

- ▶ Strainer bowl and parts
  - ▶ Vandalism-metal theft
  - ▶ Poor maintenance (debris, etc)
  - ▶ Seasonal cover (why broke call)



# Commons parts

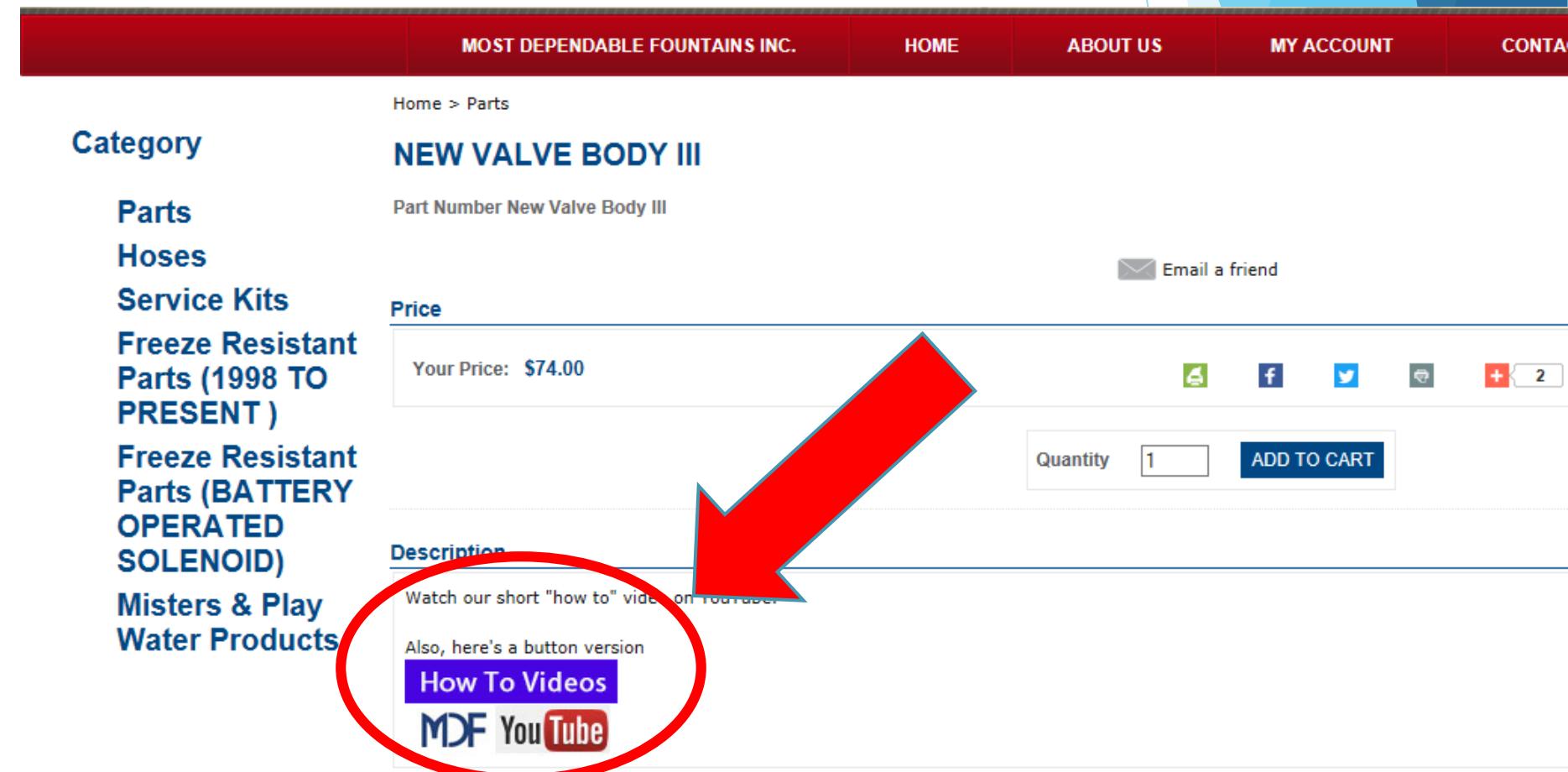
- ▶ Valves and cartridges
  - ▶ Vandalism
  - ▶ Winterization (meant to be used)
  - ▶ Have changed over time, 3<sup>rd</sup> gen now



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# Repair Help

- ▶ Can be intimidating at first
- ▶ Call for help
- ▶ MDF website



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Home > Parts

**NEW VALVE BODY III**

Part Number New Valve Body III

[Email a friend](#)

**Price**

Your Price: \$74.00

Quantity  [ADD TO CART](#)

[Email a friend](#) [Facebook](#) [Twitter](#) [Pinterest](#) [+ 2](#)

**Description**

Watch our short "how to" video on YouTube

Also, here's a button version

[How To Videos](#)

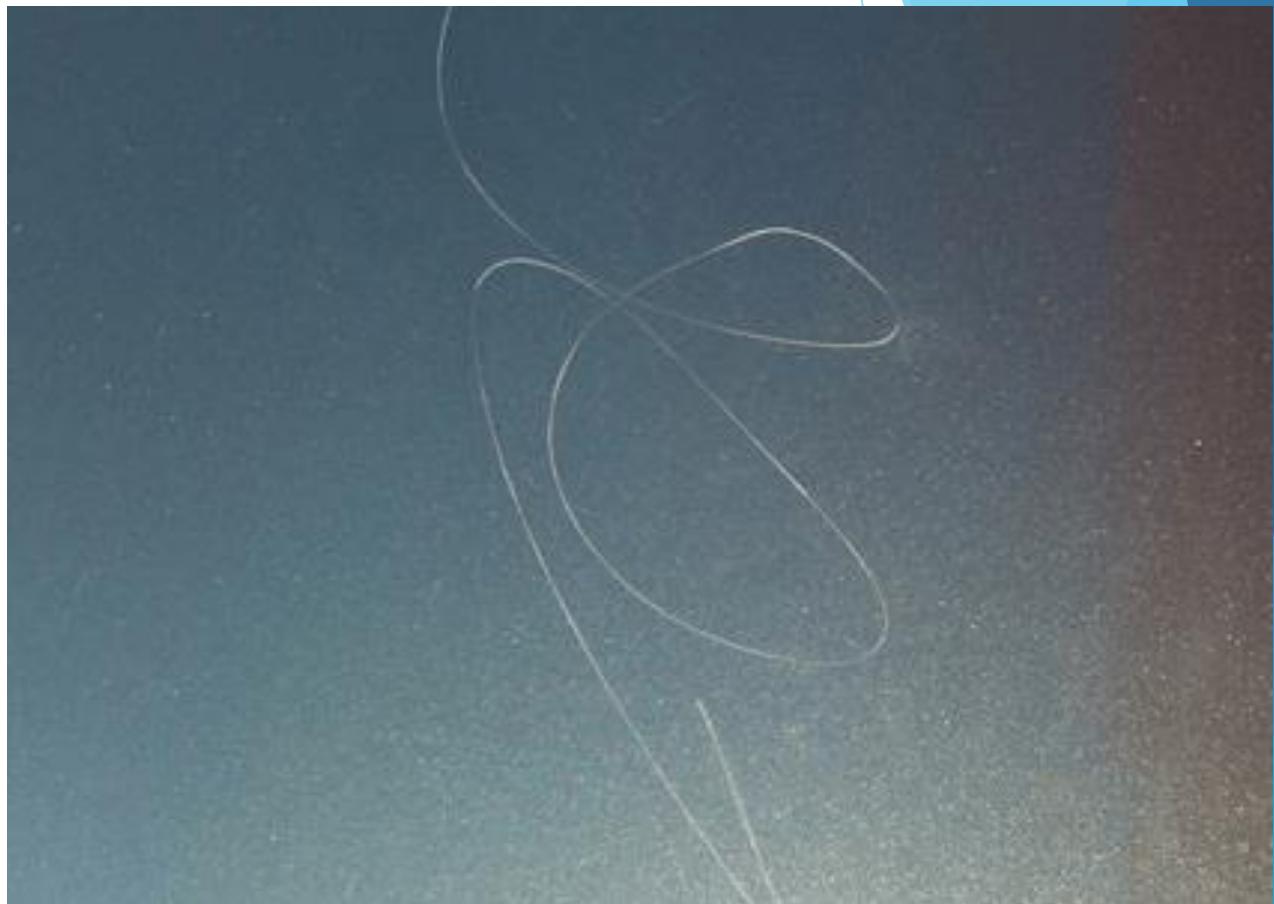
**MDF YouTube**



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# Powder Coating

- ▶ Can be tough for repairs
  - ▶ Polyurethane
  - ▶ MDF RAL paint color chart



# Repairs/Maintenance

- ▶ Be ready in advance-service kit available
- ▶ Middle of summer, fountain breaks, everyone busy

Description
3 O-Ring Assembly
1 Strainer
1 O-Ring Valve
1 516 Driver
2 Drain Gaskets
3 E-Clips
3 Strainer Bolts (N)
2 Brass Hex Nut 17-12794
1 Mushroom PB
9 1/4 SS Washer
4 1/4-20 x 5/8 SS Torx Bolt 142058
5 1/4-20 x 3/8 SS Torx Bolt 142038
4 1/4 x 1/8 Ball Seat Adapter 32034SS
1 Parts Box

# Repairs/Maintenance

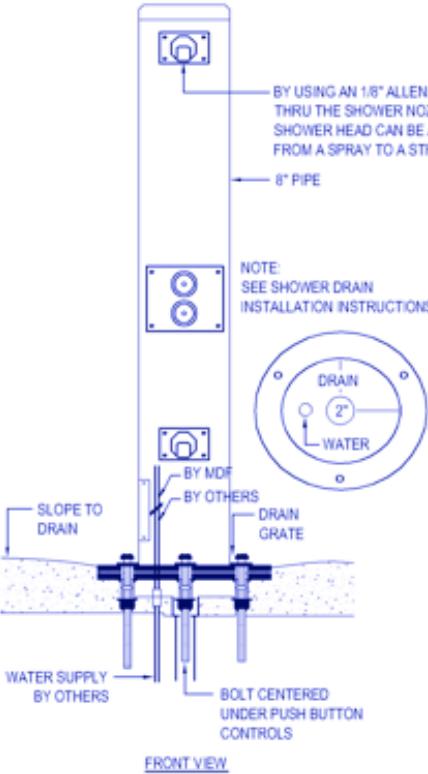
- ▶ Simple and easy (videos on mobile device)
- ▶ Call-we are here to help
- ▶ Be preventative
  - ▶ Inspect
  - ▶ Winterize your fountains, especially filters
  - ▶ Remove valves, drain water, blow out lines

# Installation

- ▶ Simple and easy (except the plumbing inspector part)
  - ▶ 1 ½" PVC drain line (check code)
  - ▶ ½" Nylobraid or Iron pipe water supply (60-70 psi)
  - ▶ Cutoff valve, low point drain
- ▶ In ground (14") or surface mount (preferred)
- ▶ Surface mount has template for concrete



MOST DEPENDABLE FOUNTAINS, INC.  
5705 COMMANDER DR. P.O. BOX 587  
ARLINGTON, TN 38002-0587  
TOLL FREE: 1-800-552-6331  
PHONE: (901) 867-0039  
FAX: (901) 867-0159  
[www.mostdependable.com](http://www.mostdependable.com)



NOTES:

1. COMBINATION SHOWER DRAIN & TEMPLATE INCLUDED.
2. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
3. DO NOT SCALE DRAWING.
4. THIS DRAWING IS INTENDED FOR USE BY ARCHITECTS, ENGINEERS, CONTRACTORS, CONSULTANTS AND DESIGN PROFESSIONALS FOR PLANNING PURPOSES ONLY. THIS DRAWING MAY NOT BE USED FOR CONSTRUCTION.
5. ALL INFORMATION CONTAINED HEREIN WAS CURRENT AT THE TIME OF DEVELOPMENT BUT MUST BE REVIEWED AND APPROVED BY THE PRODUCT MANUFACTURER TO BE CONSIDERED ACCURATE.
6. CONTRACTOR'S NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT [www.CADdetails.com/info](http://www.CADdetails.com/info) AND ENTER REFERENCE NUMBER 3354-10-30.



MODEL 500-8 SM

COMBINATION SHOWER DRAIN & TEMPLATE INCLUDED

3354-10-30

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REVISION DATE 06/13/2016

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# Design



Bad Dog....Why?

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# Design Considerations

- ▶ ADA accessibility
- ▶ Adults/kids
- ▶ Dogs
- ▶ For sprayers, misters
  - ▶ Turf, dirt = MUD

# ADA Accessibility

- ▶ Consider all users
- ▶ Confined is bad
- ▶ Designed well, but need to install well



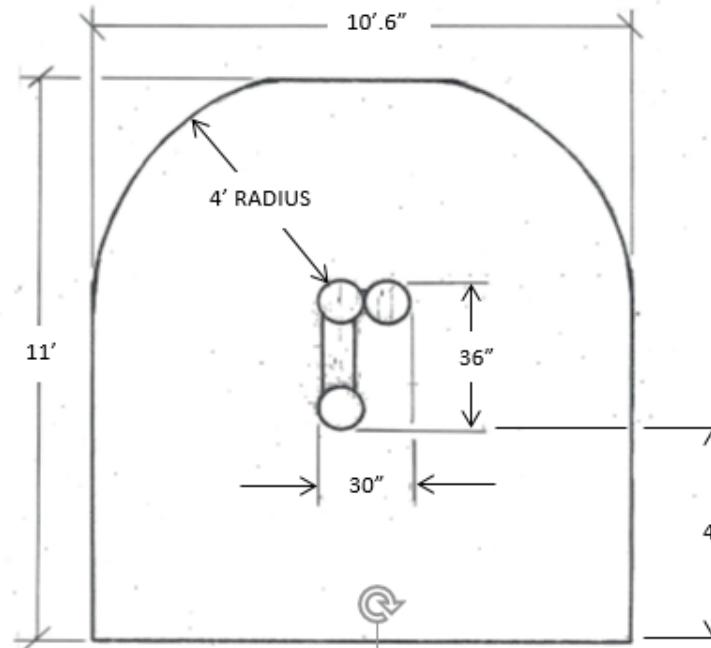
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# ADA accessibility



## DRINKING FOUNTAIN & ADA SEMI-CIRCLE PAD DETAIL SHEET

- ▶ Lots of room on all sides
- ▶ Full mobility
- ▶ Interaction, inclusion
- ▶ Safety
- ▶ Not much more money



# ADA accessibility

- ▶ Good examples of pads
- ▶ If tight, off walkways



# Dogs

- ▶ Wash stations-concrete
- ▶ Stand alone items?
- ▶ Always leave lots of room-leashes



# Wash stations

- ▶ Wash stations-concrete
- ▶ Always leave lots of room
  - ▶ Well off walkways- spinning boards
  - ▶ Near the water-quick wash



# Overview/Review

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# Overview/Review

► Questions?