

APPLICATION FOR

**CONDITIONAL USE PERMIT**

Chatham County Planning Department  
P.O. Box 54  
Pittsboro, NC 27312

Tel: 919/542-8204  
Fax: 919/542-2698  
Email: [angela.birchett@chathamnc.org](mailto:angela.birchett@chathamnc.org)

**(1) Applicant Information:**

Name: Frank Kent Dickens  
Address: 2501 CORINTH ROAD  
MONCURE, NC 27559  
Phone No: (h) 919. 776. 1202  
(w) 919. 708. 8207  
(m) 919. 708. 8207  
Email: Kdicke1@windstream.net

**(2) Landowner Information (as shown on deed)**

Name: Same as applicant  
Address: \_\_\_\_\_  
Phone No: (h) \_\_\_\_\_  
(w) \_\_\_\_\_  
(m) \_\_\_\_\_  
Email: \_\_\_\_\_

**(3) Property Identification:**

911 Address: 2501  
S.R. Name: Corinth Road  
S.R. Number: 1916  
Township: Cape Fear  
Acreage: 35.5  
Flood map #: 3710969600 I  
(2-07-2007) 3710969700 I  
Flood Zone: X

PARCEL#: 5749.27 ac & 5143- 6.5 ac  
Deed Book: 503 Page: 0826 Yr: 1986  
Plat Book: 6 Page: 56  
Current Zoning District: R-1-CUP  
Watershed District: WS-IV-PA

**(4) Requested Conditional Use Permit for the following Uses: Section 10 of Zoning Ordinance**

Revision to existing Conditional Use Permit.

**(5) Directions to property from Pittsboro:**

Take a right off hwy old No. 1 onto SR 1916 (Corinth Rd)

90 2.5 miles.

**(6) Attach the following, if requesting a zoning map amendment:**

- ☒ List of names and addresses of current adjoining property owners (see Adjacent Landowners form)
- ☒ Written legal description
- ☒ Map of the property at a scale of not less than 1 inch equals 200 feet
- ☒ Explanation of request addressing applicable portions of Section 17 Conditional Use Permits of the Chatham County Zoning Ordinance

**(7) Attach Submission Materials Checklist Information (see Submission Materials Checklist form)**

I hereby certify that I am the owner or authorized agent of said property and that the information provided is complete and the statements given are true to the best of my knowledge.

Trent Kent Dicken  
Signature

6-12-11  
Date

**The owner must sign the following if someone other than the owner is making the application.**

I hereby certify that \_\_\_\_\_ is an authorized agent for said property and is permitted by me to file this application.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

## **Explanation of Request**

**For**

## **Conditional Use Permit**

**For**

**Frank Kent Dickens**

**JUNE 2011**

This is an application for a **REVISED** conditional use permit to an R-1 Residential-Agricultural District Privately Owned Campground specifically for campers, travel trailers and recreational vehicles/motor homes, known as Phase I-V that was previously applied for on July 15, 2002 and approved for a total of 105 currently operational campsites. Since the original application, applicant is adding an additional 6.5 acres to the current 29 acres for a total of 35.5 acres for the exclusive use of the existing privately owned campground known as Dickens RV Park and the additions herein requested. At this time, applicant is requesting a revision to the conditional use permit to build a water spray park, plus an additional 98 camp sites to the currently existing 105 camp sites for a total of 203 camp sites. Road access to the campground will continue to be from Corinth Road.

### **Reasons for application for a REVISED conditional use permit are listed below:**

1. **Supply and Demand for RV Camp Sites:** Dickens RV Park denied rental request to 60+ contracted workers with the last industrial outage in 2010. This resulted in a loss of revenue for Dickens RV Park, surrounding businesses and tax dollars for Chatham County. The next scheduled outage is in April 2012 with workers arriving in January 2012. Due to the recent and destructive tornadoes, FEMA will have the option to temporarily house the unfortunate people affected by the storms. Dickens RV Park is currently occupied by, but not limited to, Insurance Adjusters and Disaster Workers due to the violent weather. The said applicant has already been in contact with FEMA via email. It is thought to be approximately 2 years before disaster relief is complete. Dickens RV Park is located in an ideal place to assist FEMA/residents in the Raleigh and Sanford areas that have been affected by the destruction.

Immediate approval of the revision for 98 campsites would be both beneficial and humanitarian.

2. **Recreational Attraction:** With the approval of the revision, a Water Spray Park will be a major recreational summer attraction. During the “down time” (in-between outages), Dickens RV Park along with surrounding businesses would monetarily benefit from attracting summer vacationers/campers therefore generating more tax dollars for Chatham County. This Spray Water Park is Eco friendly, safe for small children/adults and is a one of a kind attraction. The said applicant is unaware of any Spray Water Park in the surrounding area. **(SEE ATTACHMENT FOR WMI MANUFACTURING CORPORATION)**

The property is situated on the North side of Corinth Road on 35 acres of land owned by Mr. Dickens. It is within approximately 10 miles of the Raleigh Executive Jet Port and 28 miles from Raleigh/Durham International. It is located in the vicinity of several industries including, but not limited to, Moncure Plywood Plant, Arcing, Caterpillar, Uniboard, General Shale Brick Plant, Triangle Brick Plant, Pfizer, Research Triangle Park, Progress Energy Cape Fear Plant, and the Shearson-Harris Nuclear Power Plant.

Shearson-Harris, which is approximately 12 miles from the campground, has an outage every 18 months, bringing in approximately 1,100 contract workers according to their records. The next scheduled outage is planned for April 2012 and contract workers will arrive as early as January 2012. At the time of outages at the Steam Generator Plant of Progress Energy, as many as 450 contract workers are brought to the Moncure area.

Other Moncure based industries, as well as the Research Triangle Park, regularly employ contract workers from other states and other areas in North Carolina who work on average of two weeks to six months and a few remain as long as 12 months. These workers, and in some cases their families who accompany them, require reasonably priced temporary facilities while working on a contract basis with these industries. The additional campground will more adequately provide temporary facilities.

The campground is located just minutes from Jordan Lake, Shearson-Harris Lake and the Cape Fear River where there is boating, swimming and fishing activities. The campground is also located within 10 to 15 minutes to another local recreational site, the New Hope Valley Railway and Museum and within 30 to 40 minutes of Pinehurst/Southern Pines golf resorts. The campground is also within 10 miles of Historic Pittsboro and all of the local restaurants and unique shopping that Pittsboro has to offer. This brings additional revenue to Chatham County.

Establishments such as Ray's Super Market includes groceries, prepared foods and gasoline facilities. The Community Store with grocery products, prepared foods and gasoline facilities, live bait and tackle.

The contract workers and their families have access to churches, post office, a beauty shop, cosmetic salesperson an arts and craft store that makes jewelry, and the Moncure Chess works where scrap metal art, oil and water color original paintings and local pottery may be purchased.

To applicant's knowledge, there are no similar temporary space and amenities within a 10 mile radius of his site in Chatham, Harnett or Wakes; with the exception of two small camp sites (Cotton's Camp Ground and Jeff House's Camp Ground) in Moncure, which have limited space and no amenities. The applicant is aware of a campground located in Lee County within a 10 mile radius of the proposed site; however he is not aware of the space availability or amenities provided there.

Upon the granting of this REVISED conditional use permit, Phase VI of the campground will be operational as soon as additions and modifications to the site are made in accordance with the requirements of the County Ordinance. The applicant plans to complete work on Phases VI and VII within one year of obtaining the permit. Applicant anticipates Phases VIII-XI will be completed within approximately 5 years. Phase VI is to be sited for 21 camp sites and a water spray park upon completion and will be operational. Phase VII is to be sited for 21 camp sites (upon completion a total of 42 operational), Phase VIII is to be sited for 21 campsites (upon completion of 63 campsites will be operational), Phase IX is to be sited for 21 camp sites (upon completion of 84 campsites will be operational), Phase X is to be sited for 14 campsites (upon completion of 98 camp sites will be operational). This will bring a grand total of 203 operational campsites.

## General Application Requirements

1. **Location:** The location of the site in Chatham County:
  - a. **Corinth Road** services the site.
  - b. Applicant provides a private road know as **Dickens Farm Road**.
  - c. Current zoning for this site is **R-1** Residential District, and applicant has previously received the required cup for an RV Park for a Privately Owned Campground specifically for campers, travel trailers, and recreational vehicles/motor homes at this location.
  - d. The watershed designation, is within the guidelines set out by the county; WS-IV-PA.
  - e. The site **does not** boarder the “Major Wildlife Areas” identified in the “Inventory of the Natural Areas and Wildlife Habitats of Chatham County, North Carolina in 1992 starting on page 181.
  - f. Upon completion the site will contain 35.5 acres.
  - g. **One Utility easement** is assigned to this site.
  - h. The current use of this site is **Dickens RV Park containing 105 campsites**.
  - i. **Campsites** especially for campers, travel trailers, and recreational vehicles/motor homes.
  - j. Description of current contents of the site as follows: 105 camp sites with county water and electric hook-ups, one mobile home site that is a regular rental property.
  - k. The original conditional use permit was **granted in 2002**, and the current 21 campsites were constructed; the remaining 84 campsites were completed in 2007.

2. **Description of Use:** When completed the 35.5 acres for the exclusive use of campers, will be a total of 203 campsites, 1 bathhouse, 1 laundry facility, playground, picnic area and water spray park.
3. **Site Plan and Drawing:** The site plan and drawing are attached hereto or will be supplied at a later date.
4. **Start and Completion Projections:** Start time is to begin as soon as all county requirements are met and conditional use permit is issued. Completion projections are anticipated with 5 years.
5. **Adjoining Property Owners:** A list of adjoining property owner's names and addresses are attached hereto.
6. **Reference to Existing County Plans:** This site is not specially mentioned in any County plan and is not applicable.

**SUPPLEMENT TO APPLICATION FOR CONDITIONAL USE  
PERMIT FOR  
FRANK KENT DICKENS  
JUNE 2011**

The Applicant, Frank Kent Dickens, supports his application by submitting the following material regarding his application and the required five findings as listed below:

**FINDING #1:** The use requested is among those listed as an eligible conditional use in the district in which the subject property is located or is to be located.

Per Section 10.3 Zoning Table of permitted uses, Private recreational camps and ground continue to be of eligible use.

**FINDING #2:** The requested conditional use permit is either essential or desirable for the public convenience or welfare.

This privately owned campground is needed and desirable in the area. Growth in Chatham County and the Counties surrounding it, have created a market for temporary housing facilities to accommodate contract workers regularly hired by industries to work on a temporary basis and recreational for use. Other industry in the Moncure area and the Research Triangle Park also bring in contract workers in smaller numbers. The contractors, and in some instances their families, need temporary affordable housing near the industries that employ them. The campground will also accommodate, on a temporary basis, those who vacation at nearby Jordan Lake, Shearson-Harris Lake and the Cape Fear River where there is boating, fishing, swimming and camping activities. It is within 15 minutes of the New Hope Valley Railroad and Museum, another local recreation. It is within 10 miles of the Raleigh Executive Jet Port and 28 miles from Raleigh/Durham. To date, the applicant has widely advertised his campground. He has erected 2 small, but adequate signs near the campground. Most of his business has been by word of mouth.

The proposed project has the potential to enhance the County tax base. County tax officials estimate that the property, with improvements proposed by applicant, could more than double the value of the property from the current tax value of \$600,000.00 to \$1,000,000.00. The addition will also provide additional income, with more sales tax, to the community. Within



15 miles of the campground are the following businesses that could benefit: Ray's Supermarket, with groceries, prepared foods and gasoline facilities. The Community Store with limited grocery products, prepared foods and gasoline facilities, live bait and tackle, beauty shop, a cosmetic salesperson, an arts and craft store that makes jewelry, and the Moncure Chess works where scrap metal art, oil and water color original paintings and local pottery may be purchased. The campground is also within 10 miles of Historic Pittsboro and all of the local restaurants and unique shopping that Pittsboro has to offer. They also have access to at least 20 churches throughout the surrounding area.

**FINDING #3:** The requested permit will not impair the integrity or character of the surrounding or adjoining districts, and will not be detrimental to the health, safety or welfare of the community.

Emergency services are provided by First Health EMS. The campground is within a 5 mile-radius of Moncure #8 and Moncure #14 fire departments.

**Traffic:** Employees of the several local area industries and local residents already travel along Corinth Road daily, which is a major connector between NC Highway 42 and Old US 1 that leads to US 1. According to NC DOT the traffic pattern on State Road 1916 (Corinth Road) is estimated at 2,430 vehicles per day. The proposed campground occupants will not noticeably increase such traffic since the contractors work odd hours and likely would not impact the normal heavy traffic patterns early in the morning and in the early evenings. Campers, in the campground for recreation, set their own leisure time and likely will not impact or add to the hereby traffic volume patterns. The presence of the campground will not require modifications to the road or changes to the speed limit.

**Property Value Impact:** The applicant is not aware of any negative impact on surrounding properties.

**Visual Impact and Screening:** Currently trees and shrubs have been planted to screen the campground from traffic on Corinth Road. There are plans, as shown in the site plan, to add additional landscaping to the interior of the park, such as trees and shrubs.

**Lighting:** The applicant will follow Section 13 of the Chatham County Lighting Ordinance. The applicant anticipates installing additional 15-20 lights to the campground. The site plan attached shows the location of such lighting. (SEE ATTACHMENT OF LIGHTING for specifications)

**Noise:** The applicant and his family live in close proximity to the proposed campground. If campers generate any noise, it is expected to be minimal. Any noise is not expected to exceed the County Noise Ordinance.

**Chemicals/Hazards:** There will be no chemicals or hazards stored on site. Chemicals used in the washing of cloths and for treatment of the spray park will comply with state regulations.

**Sign:** A white, wooden sign approximately 3x5 is displayed at the entrance to Dickens Farm Road (a private road). There is also a small 3x5 directional sign at the corner of Old US Highway #1 and Corinth Road.

**Parking:** Each camping site will have adequate off the road parking; campers will park on the side of each unit.

**FINDING #4:** The requested permit will be consistent with the objectives of the Land Development Plan.

The proposed use of this land parallels one of the County's goals in its recently adopted Land Use Development Plan, i.e., consideration of housing diversity and affordability in rural areas.

It also has the potential to enhance the County tax base and encourage more money spending in Chatham County for shopping, dining out and recreation. Considering the state of affairs with the Tobacco Buy Out, the land is better served as a campground for generating income, offering accommodations and possible seasonal employment.

**Watershed Considerations:** The proposed site is located in the water supply watershed of the Cape Fear River of Jordan Dam with a classification of WS-IV-PA, watershed IV protected area. This watershed designation allows non-residential uses with impervious surface areas up to 36%. The property is located outside the 100-year flood plain. The proposal meets the impervious surface limitation.

Road consist of 4 inch crush and run gravel and 2-3 inches of #56 gravel is applied to each parking spot. Concrete specifications are listed on the spray water park attachment. (SEE ATTACHMENT ON SPRAY WATER PARK)

**FINDING #5:** Adequate utilities, access roads, drainage, sanitation and/or other necessary facilities have been or are being provided.

1. **Water Requirements:** The proposed site is currently serviced by county water. The nature of this proposal will require additional total water usage each day. The additions to the campground will be sited subject to suitable water facilities previously approved by the County Health officials. Campers will hook water hoses to spigots installed at each site. Attached hereto is 1 document from the Chatham County Utilities Director stating the County has adequate water to service the needs of the additions to the campground County Environmental Health officials have evaluated the property and they have confirmed the possibility of the above stated additional 98 camp sites and a water spray park on the property. Applicant anticipates completing the above stated project in Phases VI-X.

Spray water park will be using a water recycling system so water usage will be minimal as well as a variable frequency drive pump which is the latest pump technology used to reduce energy cost. The park would only operate for a limited time after each user activation. If the activator is not touched again, the park will remain off until new users arrive. (SEE ATTACHED EIA AND SPRAY WATER PARK SPECIFICATION DOCUMENT)

2. **Waste water Management:** An innovative septic disposal system is in place and in use. Additional waste water created by the additions to the campground will comply with Chatham County standards. See attached letter from Thomas Boyce, Chatham County Environmental Health Specialist. The additions to the campground will be sited subject to suitable sewage and water facilities previously approved by the County health officials. Applicant is aware that additional septic tank and pump is needed. The waste field is adequate for additions.
3. **Access Roads:** The site has an existing driveway onto Corinth Road. A commercial Driveway Access from the North Carolina Department of Transportation is in place.
4. **Storm water Runoff:** The campground will be sited on soil. Any storm water will infiltrate into the ground. The applicant does not anticipate the need to use controls for runoff, however any and all runoff will comply with Chatham County regulations. The site plan attached hereto, or to be supplied at a later date, deals with storm water retention on the addition should such be needed.

5. The already completed and operational 105 campsites for purposes of this plan are considered Phases I-V. For the convenience of the guest, we currently have Internet and telephone service, bath house and laundry facility. The campground has such service capability at each camp site through Windstream. Phases VI-X will utilize the same Internet/telephone service, bath house and laundry facility.



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Date: Monday, June 6, 2011 3:08 PM

From: Thomas Boyce &lt;Thomas.Boyce@chathamnc.org&gt;

To: kdicke1@windstream.net &lt;kdicke1@windstream.net&gt;

Subject: FW: Dickens RV Park

Size: 18 KB

Move to: Drafts

From:  
Thomas Boyce  
Sent: Friday, May 20, 2011 4:34 PM  
To: Angela Birchett  
Cc: Anne Lowry  
Subject: RE: Dickens RV Park

Ms. Birchett,

Based on 12 previous monthly total water consumption readings and 30 consecutive daily water consumption readings, an adjusted design daily sewage flow was determined. This adjusted design daily flow with a peaking factor added, comes below half of the state's design daily flow of 120 gpd/space. Based on these new numbers it would be possible to double the current capacity of the park. Tankage would be needed for the increase creating five new sections. I trust this is the information that you require at this time.

Thomas J. Boyce L.S.S., R.E.H.S.

From:  
Angela Birchett  
Sent: Friday, May 20, 2011 8:40 AM  
To: Thomas Boyce  
Subject: RE: Dickens RV Park

If there's not an official report or evaluation available, then an email will be fine.

From:  
Thomas Boyce  
Sent: Friday, May 20, 2011 8:34 AM  
To: Angela Birchett  
Subject: RE: Dickens RV Park

Is an e-mail okay?

From:  
Angela Birchett  
Sent: Wednesday, May 18, 2011 12:07 PM  
To: Thomas Boyce  
Cc: Anne Lowry  
Subject: RE: Dickens RV Park

Thank you. I need your official report that there are suitable soils, the number of additional systems that will be required, etc. for him to add 105 additional rv sites and the spray water park. He doesn't need to obtain the permits associated with these until he receives approval from the Commissioners but I do need something official from environmental health saying he can.



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Inbox (1)

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RE

Date: Tuesday, April 12, 2011 9:25 AM

RE: RV

From: Thomas Boyce <Thomas.Boyce@chathamnc.org>

RE: RV

To: kdicke1@windstream.net <kdicke1@windstream.net>

RE: RV

Subject: RV park expansion

RE: RV

Size: 5 KB

RE: RV

Dear Mr. Dickens,

Inbox (1)

Based on conversations with the state regional engineer and review of water records (monthly and daily), it is a reasonable assumption that a flow reduction can be granted. Actual usage data shows an average of 35-40 gpd/site. This is a significant reduction from the state estimate of 120 gpd/site and would allow expansion of the park without an increase to the drainfields. There would need to be alterations done to allow new distribution to the existing fields and new tankage for the expansion. The addition of a pool and/or spray park would not affect flows if restricted to only park residents.

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Sincerely,

Thomas J. Boyce L.S.S., R.E.H.S.

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The message was checked by ESET NOD32 Antivirus.

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STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE  
GOVERNOR

DIVISION OF HIGHWAYS

EUGENE A. CONTI, JR.  
SECRETARY

April 13, 2011

Kent Dickens  
2501 Corinth Road  
Moncure, North Carolina 27559


**Subject: Driveway on Corinth Road in Moncure North Carolina  
Chatham County**

Dear Mr. Dickens,

As discussed in our phone conversation on April 1, 2011, due to the fact the NCDOT already has a driveway permit on file for the RV Park at 2501 Corinth Road. There will be no need to submit a new permit. The only recommendations would be to close the 2 most northern entrances and access the site through the one larger main entrance.

If there are any questions please contact us.

Thanks,

  
Justin Richardson  
Engineering Technician

Attachments:  
File

# CHATHAM COUNTY PUBLIC UTILITIES

## UTILITIES

- Maintenance and Construction
- Water Treatment Plant
- Wastewater Treatment Plant
- Billing & Collections



Phone: (919) 542-8270

Fax: (919) 542-8282

POST OFFICE BOX 910  
PITTSBORO, N.C. 27312-0910

## WATER SERVICE AVAILABILITY

Chatham County Water has examined the following property and has made the determinations as checked below:

Parcel ID: # 5749 DB 1165 PG 295

Owner of Record: Kent Dickens

Street Address: Corinth Rd

☒ Property has water service available from an existing County-owned waterline with simple service connection.

☐ Based on proposed development plans, the developer would be required to extend an existing County-owned waterline to this property.

☐ County water service is not currently available to this property and the property is too far from an existing County-owned waterline to require extension.

Date: 3/31/11

Signed: Leonard McBryde

Leonard McBryde, PE  
Chatham County Public Utilities





---

**Date:** Friday, June 3, 2011 8:20 AM

**From:** kdicke1@windstream.net

**To:** benjamin.howell@chathamnc.org

**Cc:** kdicke1@windstream.net

**Subject:** Dickens RV Park

---

Attached is the arial photo of the property.

The list of plants for landscaping will include additional Leyland Cyprus and Indian Hawthorn shrubs.

The information from the surveyor will be sent separatly when I receve it.

Kent Dickens  
919-708-8207



DRVP - Property Map.pdf

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## CHATHAM COUNTY, NC



### Property Map

Disclaimer:  
The data provided on this map are prepared for the inventory of real property located within Chatham County, NC and are compiled from recorded plats, deeds, and other public records and data. This data is for informational purposes only and should not be substituted for a true site search, property appraisal, survey, or for zoning and taxation.

Parcel Number: 5749  
Map Number: 5695-19-9375.000  
Owner Name: DICKENS FRANK KENT ETUX KIM CROSS  
Owner Address: 2503 CORNITH RD  
Owner City: MONCURE  
Owner Address: No Data  
Owner State: NC  
Owner Zip: 27559  
Description: 010-12

Deed Book: 1165  
Deed Page: 0295  
Plat Book: 2009  
Plat Page: 0031  
Deed Acres: 27.402  
Physical Address: 2501 CORINTH RD  
Improvement Value: 251803  
Land Value: 442860  
Fire District: No Data  
Township Code: 4

One Inch = 455 Feet



FW: Waterplay Environmental Info

From: Karen Ratelband <oceandrivegirl@bellsouth.net>

Add to Contacts

To: adam\_brinegar@yahoo.com

2 Files Download All

Spec-Enviro Friendly.pdf (945KB); Spec-Enviro ISO.pdf (832KB)

---

-----Original Message-----

From: [kdicke1@windstream.net](mailto:kdicke1@windstream.net) [mailto:[kdicke1@windstream.net](mailto:kdicke1@windstream.net)]

Sent: Thursday, May 19, 2011 9:18 AM

To: [oceandrivegirl@bellsouth.net](mailto:oceandrivegirl@bellsouth.net)

Subject: Fwd: Waterplay Environmental Info

Hi i have make copyes wanted u to read thanks

> Date: Thu, 19 May 2011 09:05:06 -0400

> Cc:

> To: [kdicke1@windstream.net](mailto:kdicke1@windstream.net)

> From: "Greg Perkins" <[greg@aquaplaysolutions.com](mailto:greg@aquaplaysolutions.com)>

> Subject: Waterplay Environmental Info

>

> Hi Kent,

>

> Attached is information on the eco friendly nature of Waterplay. They are also ISO (International Standards Organization) certified.

>

> Remember to let them know that we will be using a water recycling system so water usage will be minimal as well a VFD (variable frequency drive) pump which is the latest pump technology used to reduce energy costs. The park would only operate for a limited time after each user activation. If the activator is not touched again the park will remain off until new users arrive.

>

> Don't hesitate to let me know if there is anything else I could provide. As always, I will be glad to speak directly to the powers-that-be if you trust on that!

>

> Thank You,

>

> Greg Perkins

> Aqua Play Solutions, Inc.

> Direct - 770-703-7251

> Cell - 404-775-5162



# CERTIFICATE

**WMI Manufacturing Corp.**  
805 Crawley Avenue  
Kelowna, BC, V1Y 7G6  
CANADA

**Standard: ISO 9001:2008**

**Scope:**

**Design, manufacturing and servicing of recreational aquatic products and accessories**

With this certificate it is confirmed, that the WMI Manufacturing Corp. applies a quality management system which meets the requirements of ISO 9001:2008

**Certificate No.**  
L100801B

**Issue date**  
August 17, 2010

**Valid until**  
August 16, 2013

**Initial issue date**



August 17, 2010

Date

  
Certification Body

International  
Certification  
Management GmbH  
Ohmstrasse 2-4  
94342 STRASSKIRCHEN  
GERMANY

+49 (0) 94 24 / 94 81 - 400  
+49 (0) 94 24 / 94 81 - 420  
[www.ic-management.com](http://www.ic-management.com)  
[info@ic-management.com](mailto:info@ic-management.com)



## BUILDING BETTER ENVIRONMENTS

As a leading manufacturer and distributor of aquatic play equipment, it is critical that Waterplay Solutions Corp.® (Waterplay) keep environmental impact at the forefront of our design and process decisions. For over 20 years, we have helped create healthier kids and sustainable communities while consciously working to minimize our impact on the environment.

### Design Features:

**Park Design:** Waterplay consults with clients to optimize the design of their spray parks and ensure key environmentally friendly options are included. Waterplay always recommends the use of an overspray zone around the spray park pad ensuring that the water is captured through the drain system rather than lost into the surrounding environment. This reduces the chance of treated water leaking into the environment, as well as improving safety and reducing maintenance.

In addition, controllers are recommended to enable clients to sequence the water flow through the various features so that the water is not running through every feature simultaneously. This reduces water consumption while adding play value and visual interest. The use of Activators ensures the park is only running while kids are playing.

**Feature Design:** In designing our interactive water features, we recognized the need to balance the play value and water effects offered by high water flow features with water conservation techniques. As a result, Waterplay offers high flow, low flow and enviro-flow nozzles in the majority of our components without unduly impacting play value. This approach enables our clients to choose the water consumption that is best suited to their environmental needs. For example, in a potable, drain to waste park, low flow or enviro-flow nozzles are recommended while high flow nozzles are well suited to a pool environment.


**Water Management Systems:** In keeping with our efforts to be progressive and responsible in all aspects of water usage and quality, Waterplay introduced water management systems. All three options - Water Treatment System, Retain and Re-Use System, and Desalination System - have been built on the foundation of efficient water use and quality control.



DREAM DESIGN DELIVER

www

com



Using a Water Treatment System allows our clients to collect the water, chemically treat it to remove bacteria and contaminants and re-use it in their spray parks, reducing the amount of water consumed in operation. Similarly, Waterplay's Retain and Re-Use System allows clients to collect potable water for re-use in a number of applications such as irrigation, street cleaning, municipal vehicle washing and/or toilet flushing in adjacent facilities. Re-use applications are site specific and allowable gray water usage is determined by local governing agencies.

### Materials:

Waterplay's features are manufactured from recycled stainless steel and aluminum. The Tiger Drylac Super Durable Powder Coated Finish used on Waterplay's features is TGIC (Triglycidylisocyanurate) free. Use of such materials also extends the usable life of the products.

In our manufacturing plant, Waterplay uses non-corrosive, biodegradable natural cleaners and degreasers as well as non-toxic, biodegradable cutting coolants and lubricants. All of our tooling is either repaired or recycled.

### Business Practices and Processes:

Waterplay uses hydro electricity to power our facilities and efficient radiant heating during cooler months. All of our scrap material (stainless steel, aluminum and plastic) are recycled.

Our staff are committed to recycling of paper, general business materials, consumable product containers, cardboard/packaging, etc. minimizing wherever possible any waste. In addition, we provide our clients and dealers with access to materials, catalogues, product specifications, documentation, etc. online to reduce wasted paper and use recycled materials in printed versions.

Spray parks and other aquatic facilities are excellent sources of family fun, entertainment and fitness. If they are designed with the environmental impact in mind and incorporate the latest technology in effective water usage, our children can continue to experience the joys of water play for years to come. At Waterplay, we are committed to serious, safe and environmentally responsible fun!



DREAM DESIGN DELIVER®

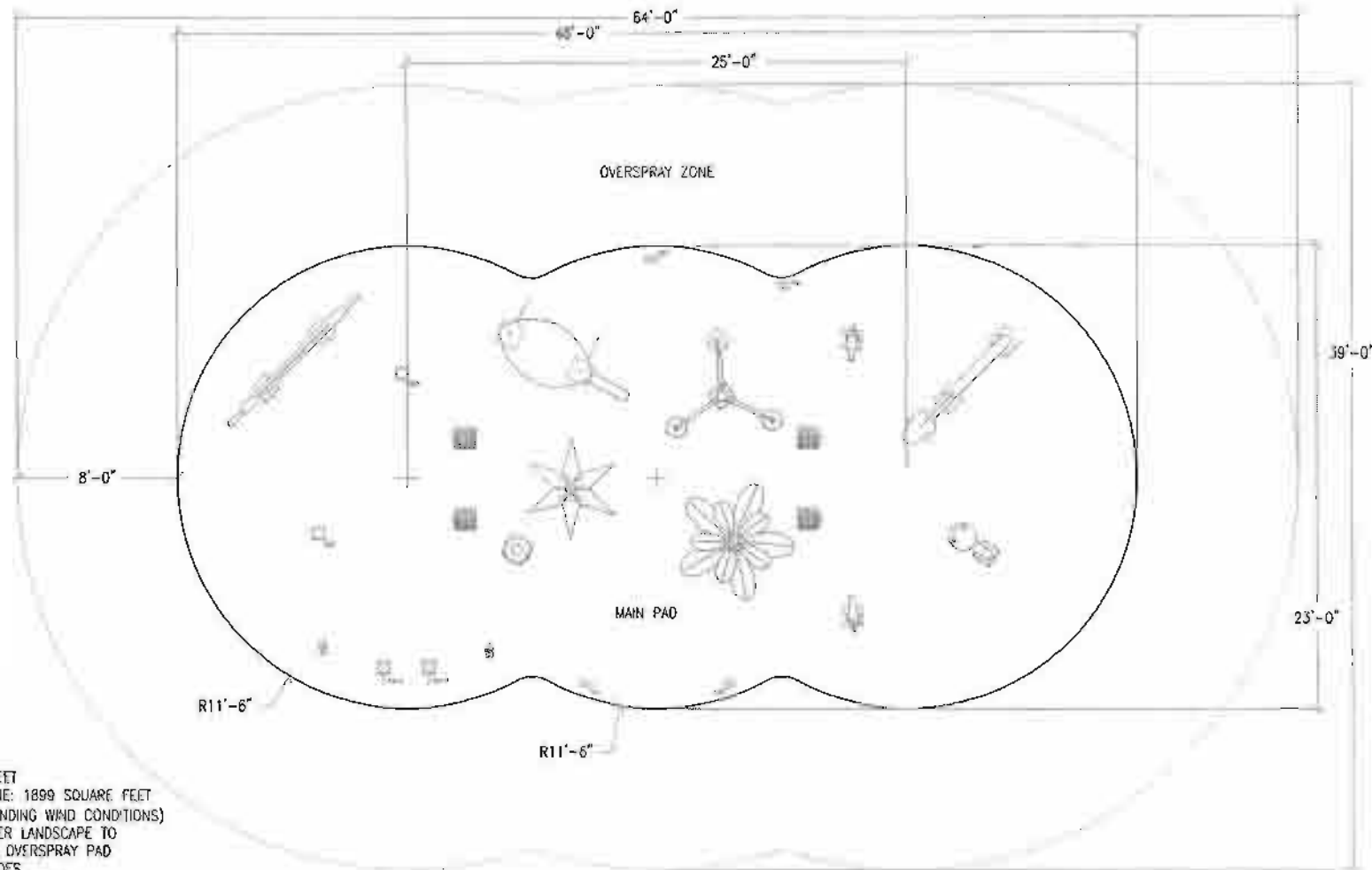
www.

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NOT FOR CONSTRUCTION  
PURPOSES



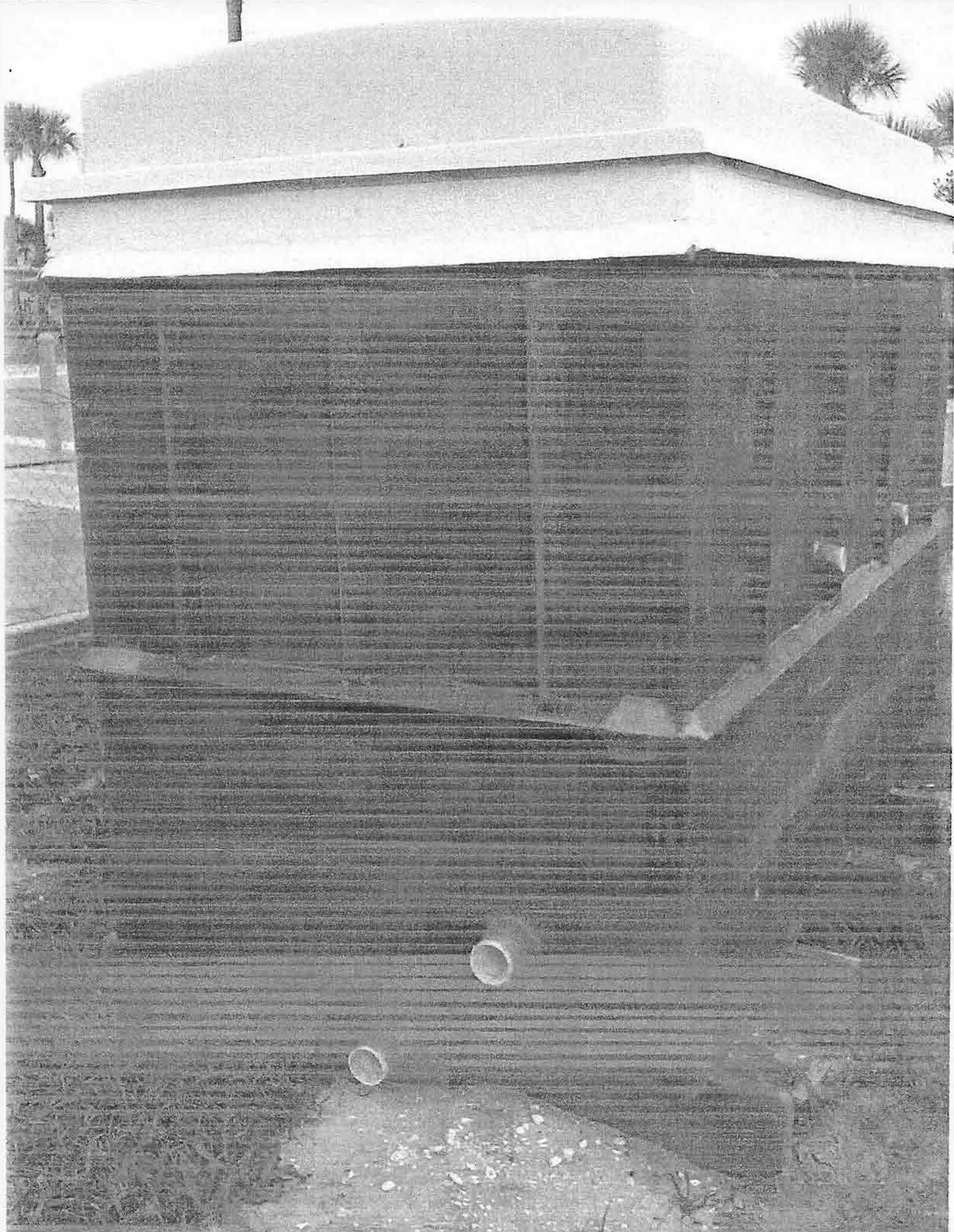
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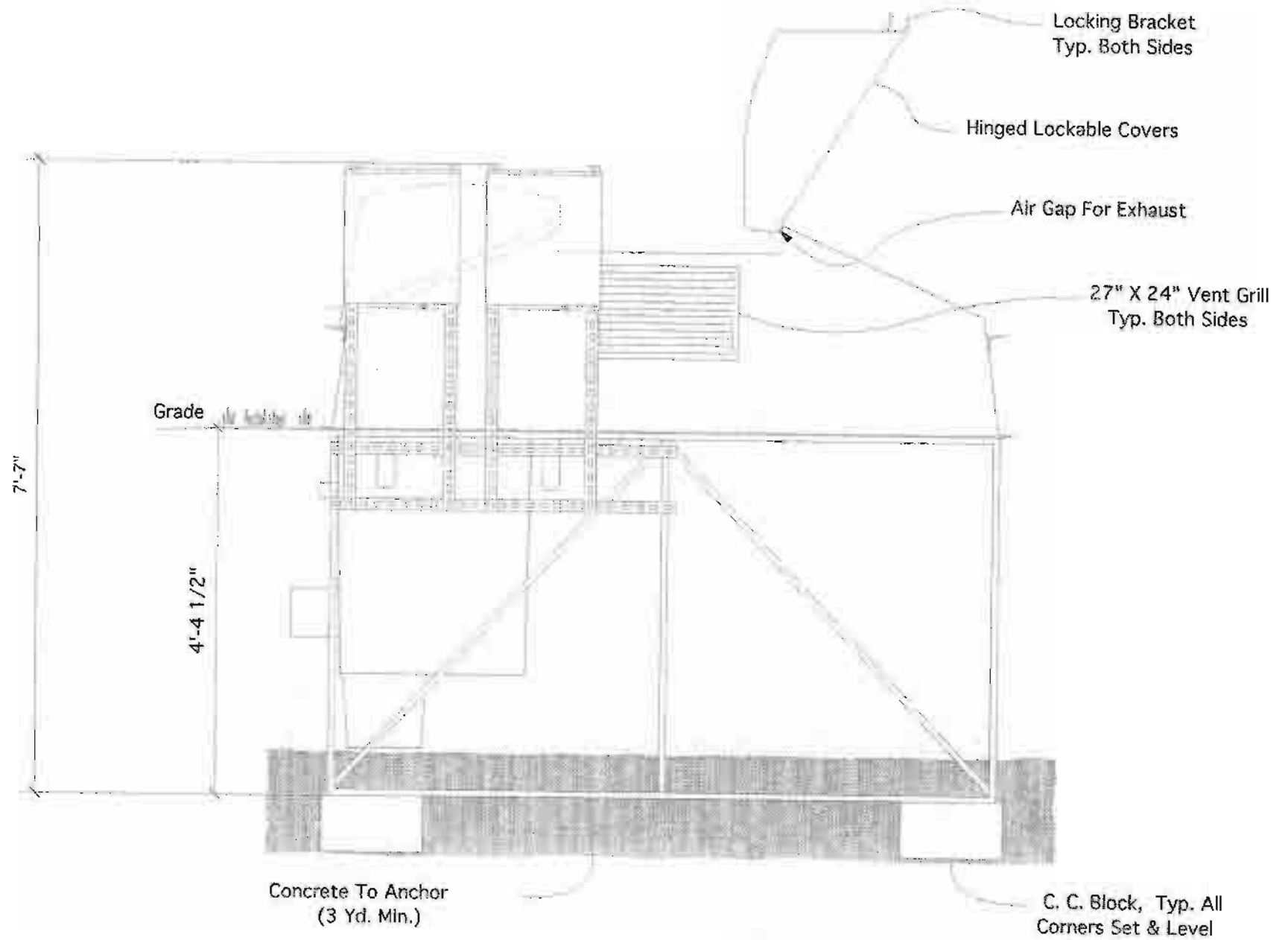
1. MAIN SPRAY PAD AREA: 782 SQUARE FEET
2. TOTAL AREA, INCLUDING OVERSPRAY ZONE: 1899 SQUARE FEET
3. RECOMMEND 8' TO 10' OVERSPRAY (PENDING WIND CONDITIONS)
4. GRADE SURROUNDING OUTSIDE PERIMETER LANDSCAPE TO PROVIDE PROPER DRAINAGE AWAY FROM OVERSPRAY PAD
5. RECOMMEND 2% TO 5% FOR SLAB GRADES
6. SLOPES TO PROVIDE POSITIVE DRAINAGE TO DRAINS
7. LIGHT BROOM FINISH CONCRETE TO PREVENT SLIPPING

Waterplay Manufacturing Inc. 14513 LELAND STREET, KENOSHA, WI 53141  
TEL: (262) 712-3303 FAX: (262) 712-4011  
EMAIL: design@waterplay.com

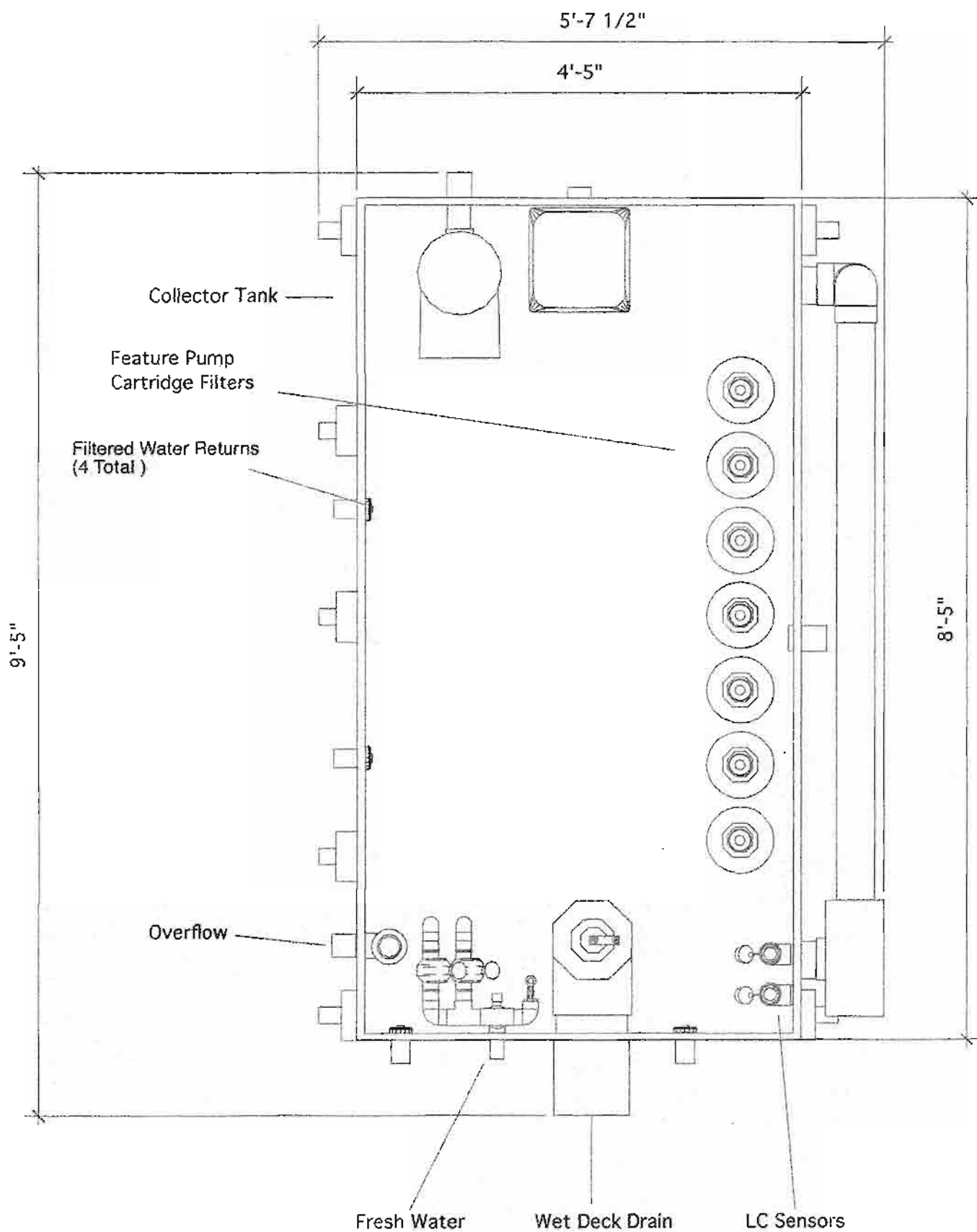
11 x 17 plot		SCALE: 3/16"=1'		DATE: SEP 04/09		REV: 1		LIVE NAME: WATERPLAY CONCEPTUAL PAD LAYOUT		SHEET: 2/2		PROJECT: DICKENS RV PARK, NC	
14513 LELAND STREET, KENOSHA, WI 53141		TEL: (262) 712-3303 FAX: (262) 712-4011		DRAWN BY: SS		DATE: SEP 04/09		REV: 1		SHEET: 2/2		PROJECT: DICKENS RV PARK, NC	
1		REVISE LAYOUT AND ADD 10' SLOPE, TRAILY LAY, AND DASH LINE		REV: 1		DATE: SEP 17/09		REV: 1		DATE: SEP 17/09		PROJECT: DICKENS RV PARK, NC	
2		REVISE LAYOUT AND ADD 10' SLOPE, TRAILY LAY, AND DASH LINE		REV: 2		DATE: SEP 17/09		REV: 2		DATE: SEP 17/09		PROJECT: DICKENS RV PARK, NC	







Elevation  
n.t.s.

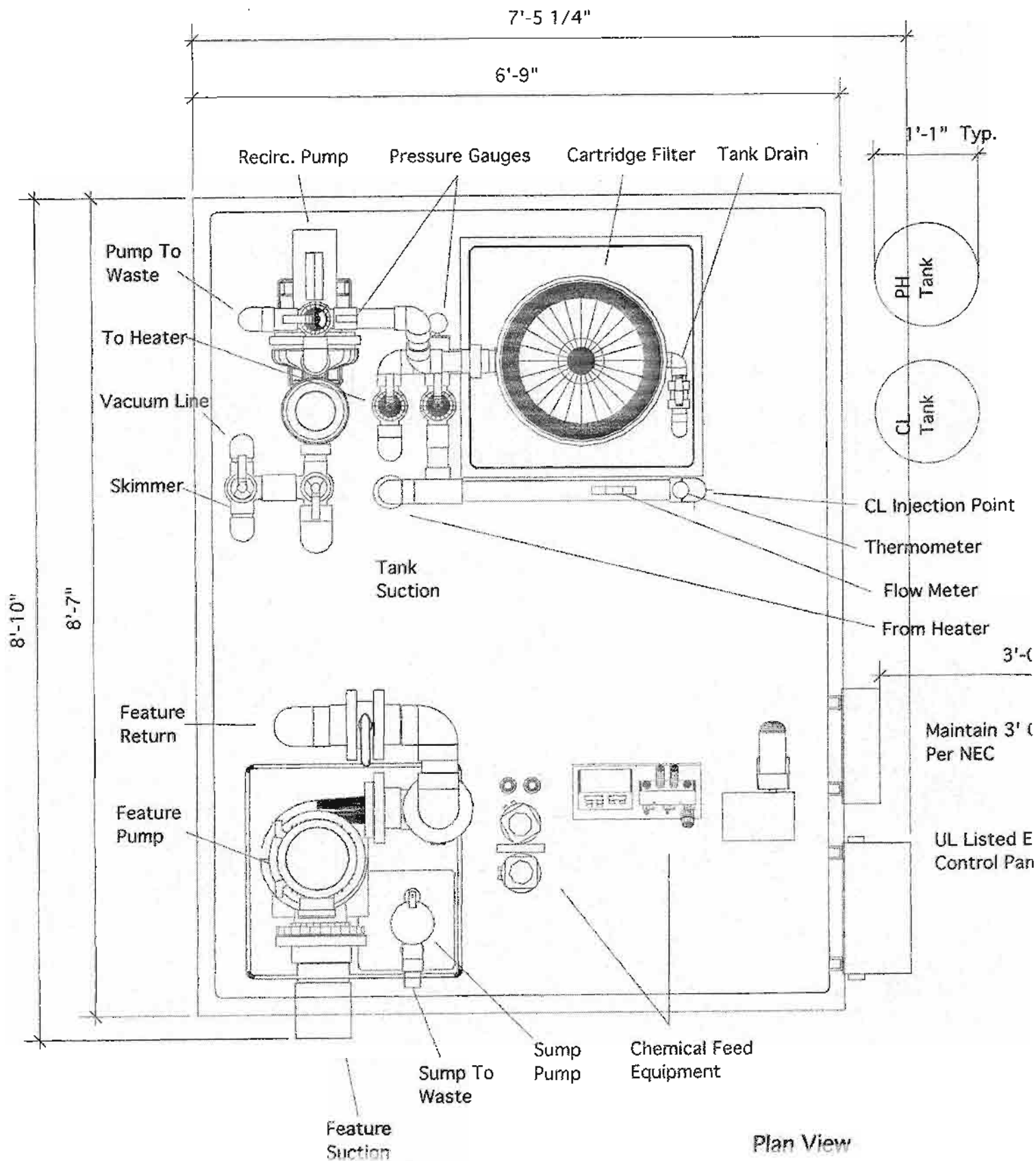


Tank Plan View



COM-PAC FILTRATION  
2020 WEST BEAVER ST  
JACKSONVILLE, FL 32209  
PHONE: (904) 356-4003  
FAX: (904) 354-1624

PH-36C  
Pressure Cartridge



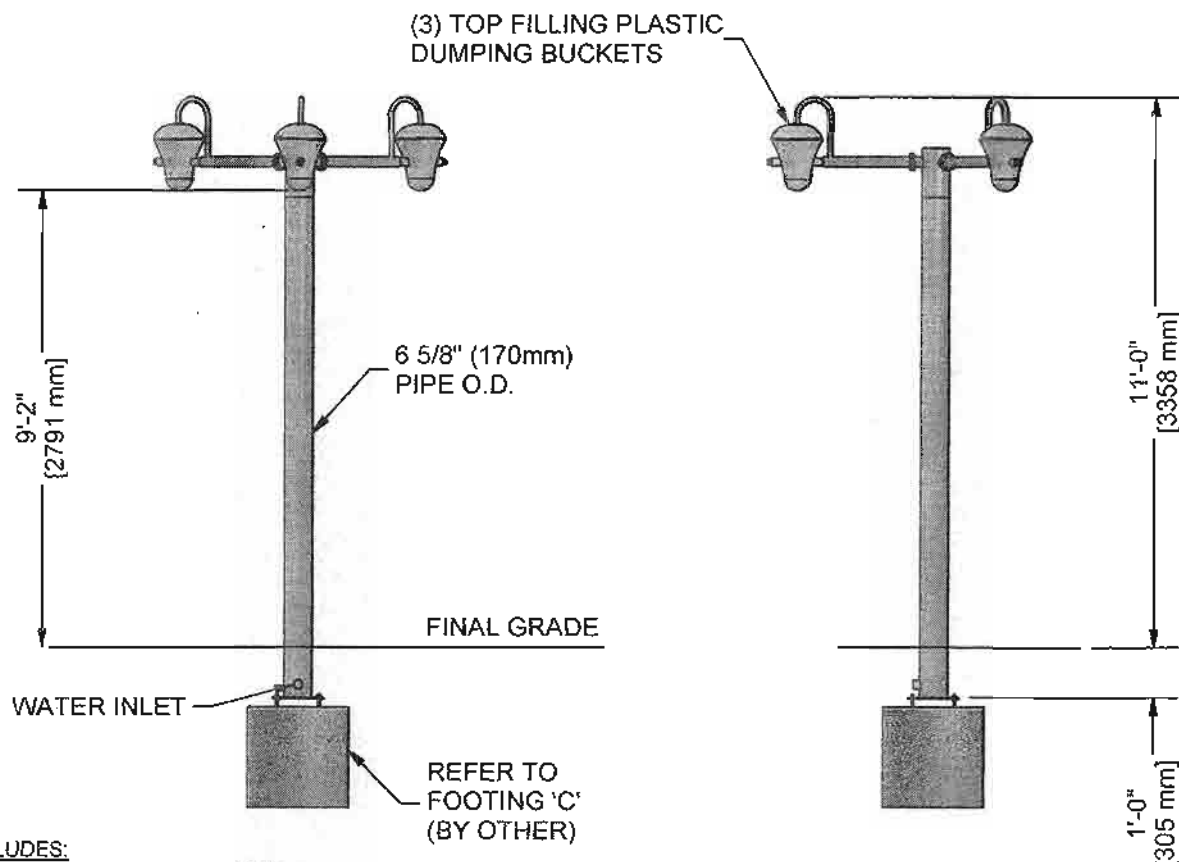
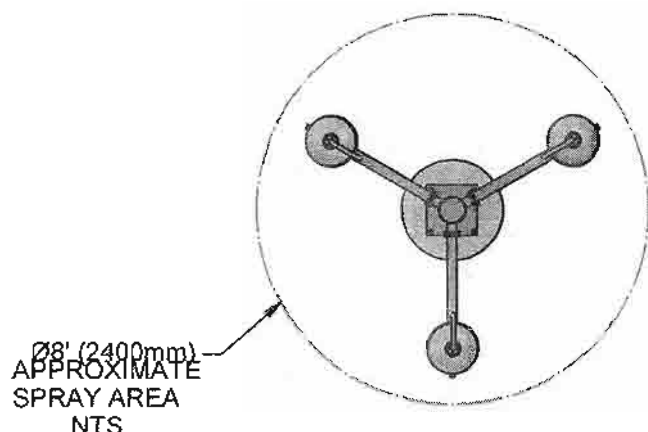
COM-PAC FILTRATION  
 2020 WEST BEAVER ST  
 JACKSONVILLE, FL 32209  
 PHONE: (904) 356-4003  
 FAX: (904) 354-1624

PH-36C  
 Pressure Cartridge

# 3 ARMED SNEAKY SOAKER

C02-091

WATER CONSUMPTION: FLOW RATES : 12 GPM @ 15 PSI. [ 45 LPM @ 103.4 KPA] (APPROXIMATE)



## COMPONENT INCLUDES:

- FOOTING TEMPLATE & ANCHOR HARDWARE
- SERVICE TOOLS
- TAMPER RESISTANT HARDWARE

## GENERAL SPECIFICATIONS

COMPONENT MATERIAL	A304 STAINLESS STEEL	DUMPING BUCKETS	ROTO MOLDED POLYETHYLENE
BASE PLATE	12" SQ x 3/8" (305 mm SQ x 10 mm)	SAFETY	COMPONENT SHALL MEET ADA COMPLIANCE FOR HANDICAP ACCESSIBILITY, AND MEET OR EXCEED CURRENT ASTM F1487 & CAN/CSA-Z614 SAFETY STANDARDS
COMPONENT ANCHORING	1/2" x 6" (13 mm x 150 mm) EMBEDDED L-BOLTS, A304 SS		
COMPONENT GROUNDING	#6 AWG BARE CU. WIRE & AN APPROVED GRD LUG		
WATER INLET	1-1/2" F-NPT COUPLER (OTHER THREAD STNDS AVAIL)		
COATING	POLYESTER BASED POWDERCOAT	REVISION:5	



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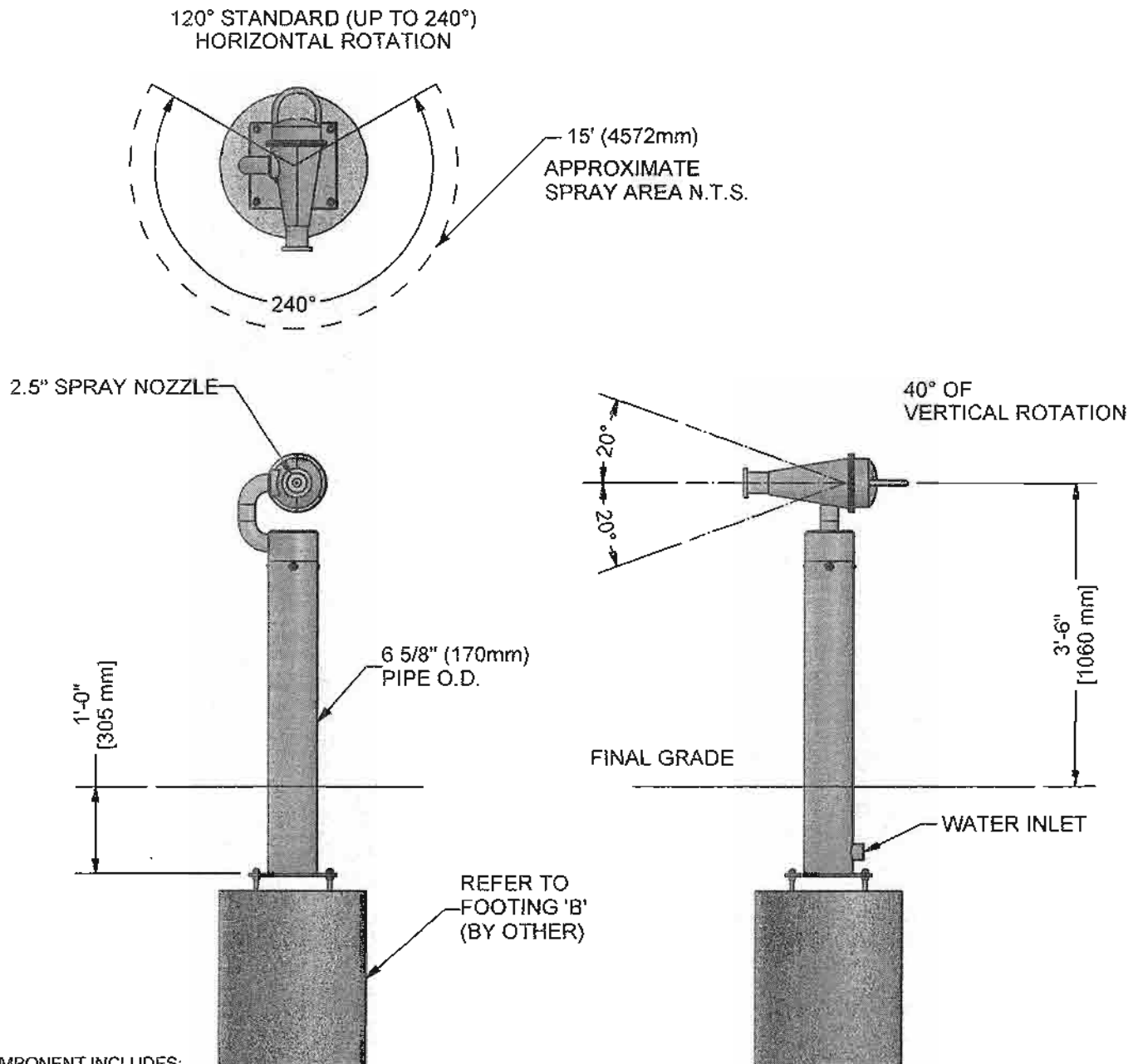
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WATER CONSUMPTION: FLOW RATES : 8-12 GPM @ 15 PSI. [ 2550 LPM @ 103.4 KPA] (APPROXIMATE)



#### COMPONENT INCLUDES:

- FOOTING TEMPLATE & ANCHOR HARDWARE
- SERVICE TOOLS
- TAMPER RESISTANT HARDWARE
- SPRAY NOZZLES
- WINTER BLANK NOZZLES

#### GENERAL SPECIFICATIONS

COMPONENT MATERIAL	A304 STAINLESS STEEL	SPRAY NOZZLES	CNC MACHINED DELRIN® WITH TAMPER RESISTANT FASTENERS.
BASE PLATE	12" SQ x 3/8" (305 mm SQ x 10 mm)	SAFETY	COMPONENT SHALL MEET ADA COMPLIANCE FOR HANDICAP ACCESSIBILITY, AND MEET OR EXCEED CURRENT ASTM F1487 & CAN/CSA-Z614 SAFETY STANDARDS
COMPONENT ANCHORING	1/2" x 9" L BOLT (13 mm x 228mm), SS A304		
COMPONENT GROUNDING	#6 AWG BARE CU. WIRE & AN APPROVED GRO LUG		
WATER INLET	1-1/2" F-NPT COUPLER (OTHER THREAD STNDS AVAIL)		
COATING	POLYESTER BASED POWDERCOAT	REVISION:6	



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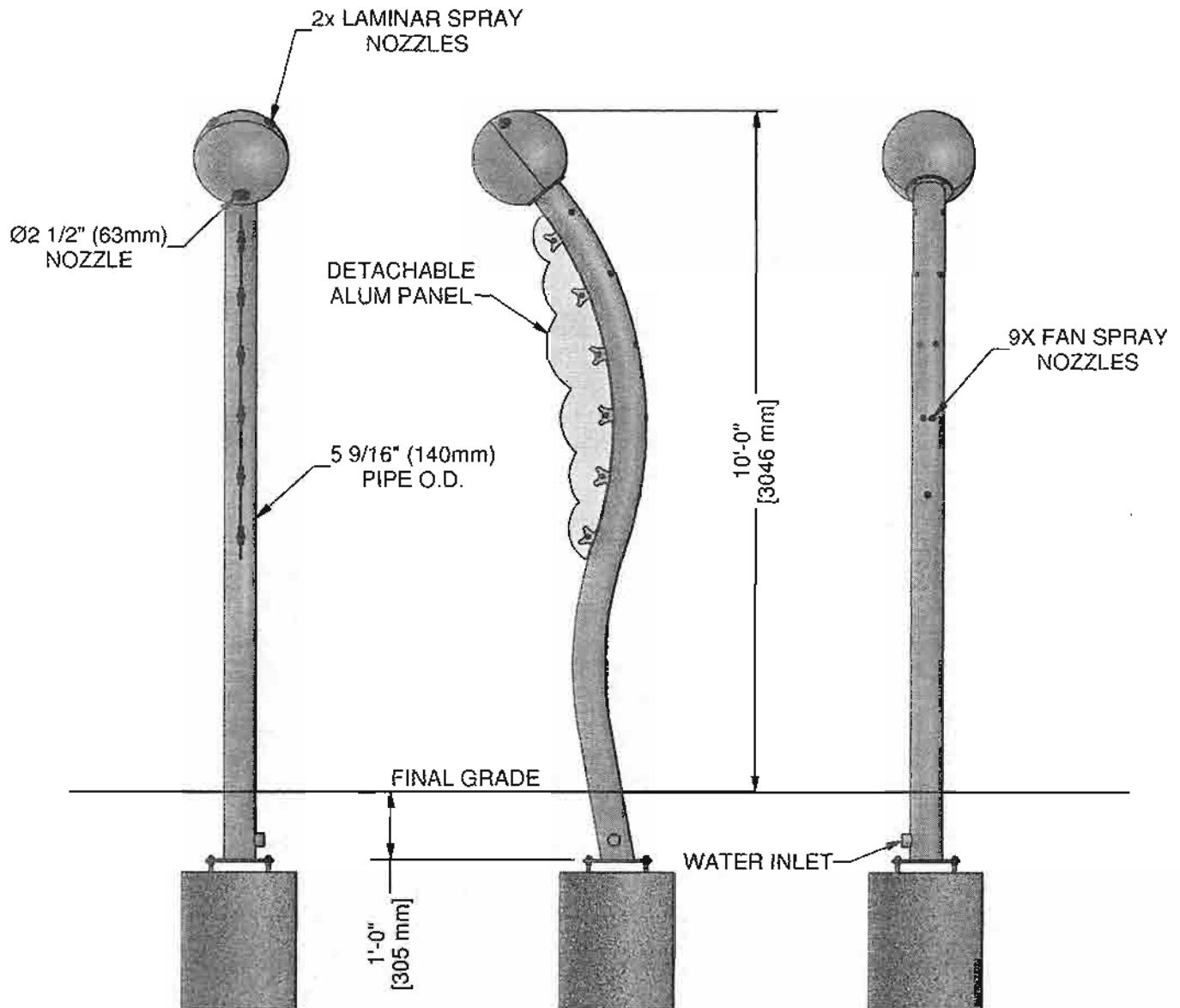
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WATER CONSUMPTION: FLOW RATES : 10-30 GPM @ 15 PSI. [ 40-115 LPM @ 103.4 KPA] (APPROXIMATE)



#### COMPONENT INCLUDES:

- FOOTING TEMPLATE & ANCHOR HARDWARE
- SERVICE TOOLS
- TAMPER RESISTANT HARDWARE
- SPRAY NOZZLES
- WINTER BLANK NOZZLES

REFER TO FOOTING  
DETAIL "B"  
(BY OTHER)

#### GENERAL SPECIFICATIONS

COMPONENT MATERIAL	A304 STAINLESS STEEL	SPRAY NOZZLES	CNC MACHINED DELRINO® WITH TAMPER RESISTANT FASTENERS.
BASE PLATE	12" SQ x 3/8" (305 mm SQ x 10 mm)		
COMPONENT ANCHORING	1/2" x 9" L BOLT (13 mm x 228mm), SS A304	SAFETY	COMPONENT SHALL MEET ADA COMPLIANCE FOR HANDICAP ACCESSIBILITY, AND MEET OR EXCEED CURRENT ASTM F1487 & CAN/CSA-Z614 SAFETY STANDARDS
COMPONENT GROUNDING	#6 AWG BARE CU. WIRE & AN APPROVED GRD LUG		
WATER INLET	1-1/2" F-NPT COUPLER (OTHER THREAD STNDS AVAIL)		
COATING	POLYESTER BASED POWDERCOAT		REVISION 2



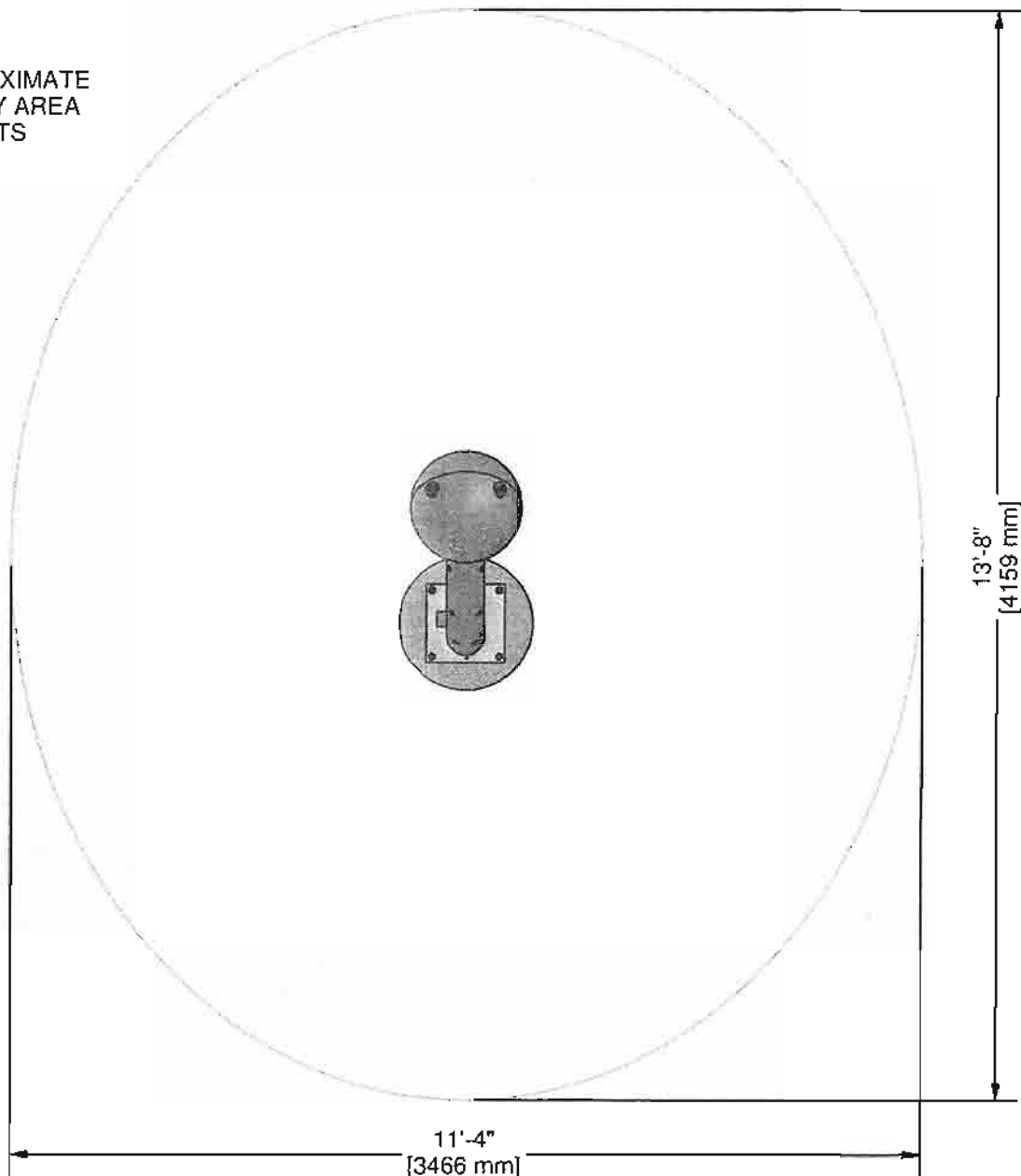
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WATER CONSUMPTION: FLOW RATES : 10-30 GPM @ 15 PSI. [ 40-115 LPM @ 103.4 KPA] (APPROXIMATE)

APPROXIMATE  
SPRAY AREA  
NTS



## COMPONENT INCLUDES:

- FOOTING TEMPLATE & ANCHOR HARDWARE
- SERVICE TOOLS
- TAMPER RESISTANT HARDWARE
- SPRAY NOZZLES
- WINTER BLANK NOZZLES

## GENERAL SPECIFICATIONS

COMPONENT MATERIAL	A304 STAINLESS STEEL	SPRAY NOZZLES	CNC MACHINED DELRIN® WITH TAMPER RESISTANT FASTENERS.
BASE PLATE	12" SQ x 3/8" (305 mm SQ x 10 mm)	SAFETY	COMPONENT SHALL MEET ADA COMPLIANCE FOR HANDICAP ACCESSIBILITY, AND MEET OR EXCEED CURRENT ASTM F1487 & CAN/CSA-Z614 SAFETY STANDARDS
COMPONENT ANCHORING	1/2" x 9" L BOLT (13 mm x 228mm), SS A304		
COMPONENT GROUNDING	#6 AWG BARE CU. WIRE & AN APPROVED GRD LUG		
WATER INLET	1-1/2" F-NPT COUPLER (OTHER THREAD STNDS AVAIL)		
COATING	POLYESTER BASED POWDERCOAT	REVISION 2	



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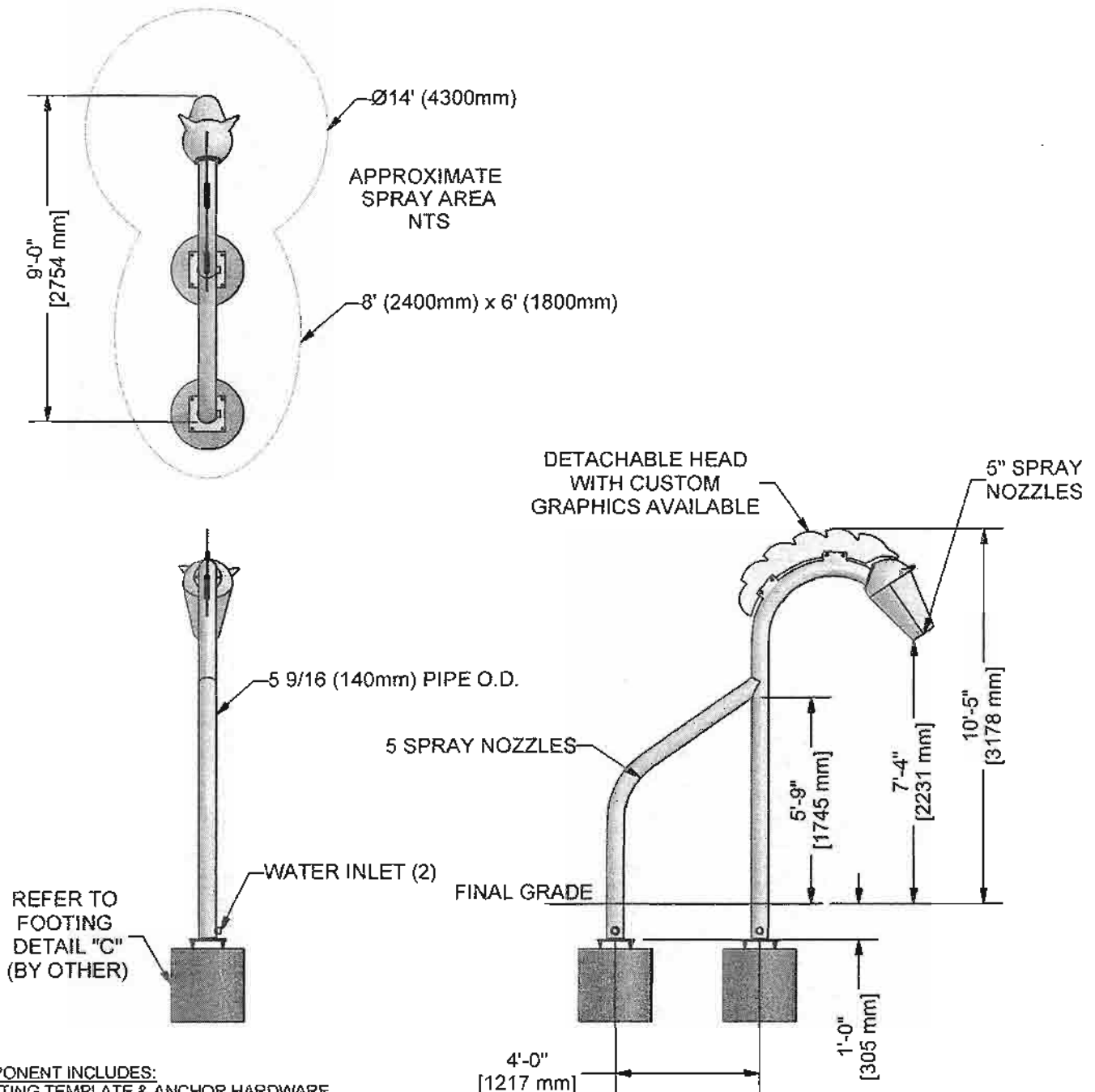
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# CHARGER

C02-108

WATER CONSUMPTION: FLOW RATES : 3-40 GPM @ 15 PSI. [ 10-150 LPM @ 103.4 KPA] (APPROXIMATE)



## COMPONENT INCLUDES:

- FOOTING TEMPLATE & ANCHOR HARDWARE
- SERVICE TOOLS
- TAMPER RESISTANT HARDWARE
- SPRAY NOZZLES
- WINTER BLANK NOZZLES

## GENERAL SPECIFICATIONS

COMPONENT MATERIAL	A304 STAINLESS STEEL	SPRAY NOZZLES	CNC MACHINED DELRIN® WITH TAMPER RESISTANT FASTENERS.
BASE PLATE	12" SQ x 3/8" (305 mm SQ x 10 mm)	SAFETY	COMPONENT SHALL MEET ADA COMPLIANCE FOR HANDICAP ACCESSIBILITY, AND MEET OR EXCEED CURRENT ASTM F1487 & CAN/CSA-Z614 SAFETY STANDARDS
COMPONENT ANCHORING	1/2" x 6" (13 mm x 160 mm) EMBEDDED L-BOLTS, A304 SS		
COMPONENT GROUNDING	#8 AWG BARE CU. WIRE & AN APPROVED GRD LUG		
WATER INLET	1-1/2" F-NPT COUPLER (OTHER THREAD STNDS AVAIL)		
COATING	POLYESTER BASED POWDERCOAT		



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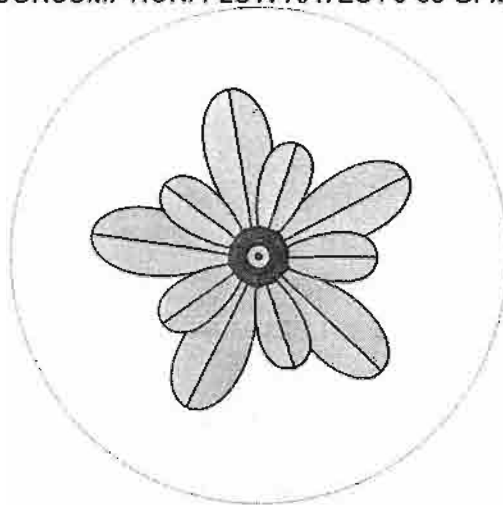
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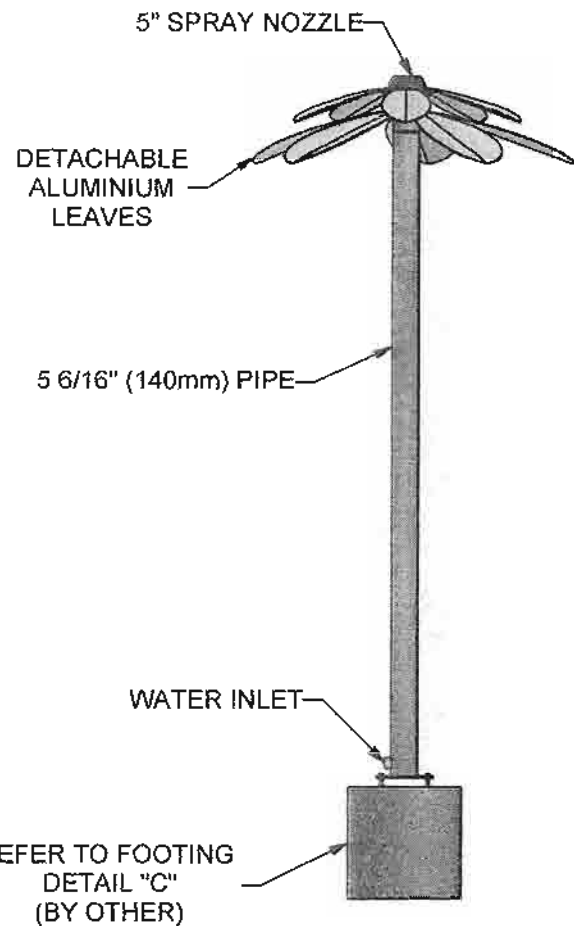
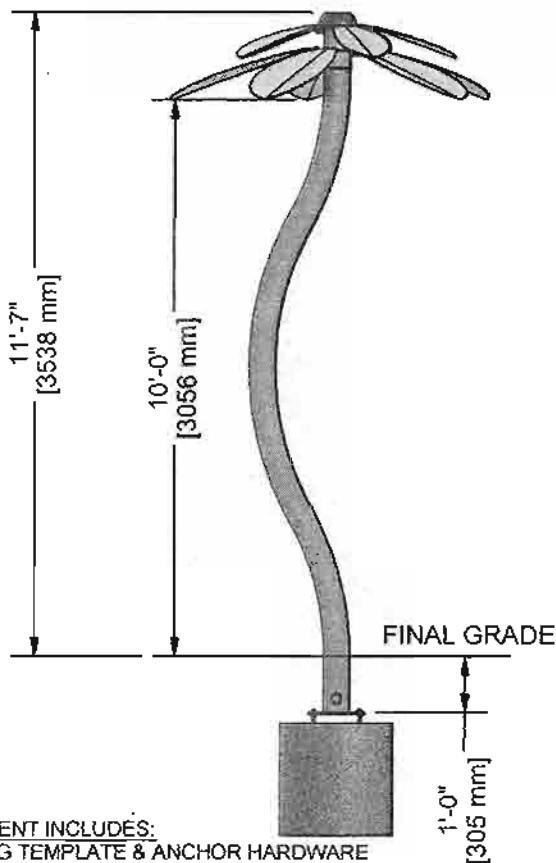
# DAISY-MAE WAVY

C02-023-W

WATER CONSUMPTION: FLOW RATES : 5-35 GPM @ 15 PSI. [ 20-120 LPM @ 103.4 KPA] (APPROXIMATE)



Ø16' (4900mm)  
APPROXIMATE  
SPRAY AREA  
NTS



## COMPONENT INCLUDES:

- FOOTING TEMPLATE & ANCHOR HARDWARE
- SERVICE TOOLS
- TAMPER RESISTANT HARDWARE
- SPRAY NOZZLES
- WINTER BLANK NOZZLES

## GENERAL SPECIFICATIONS

COMPONENT MATERIAL	A304 STAINLESS STEEL	SPRAY NOZZLES	CNC MACHINED DELRIN® WITH TAMPER RESISTANT FASTENERS.
BASE PLATE	12" SQ x 3/8" (305 mm SQ x 10 mm)	SAFETY	COMPONENT SHALL MEET ADA COMPLIANCE FOR HANDICAP ACCESSIBILITY, AND MEET OR EXCEED CURRENT ASTM F1487 & CAN/CSA-Z614 SAFETY STANDARDS
COMPONENT ANCHORING	1/2" x 6" (13 mm x 150 mm) EMBEDDED L-BOLTS, A304 SS		
COMPONENT GROUNDING	#6 AWG BARE CU. WIRE & AN APPROVED GRD LUG		
WATER INLET	1-1/2" F-NPT COUPLER (OTHER THREAD STNDS AVAIL)		
COATING	POLYESTER BASED POWDERCOAT		
			REVISION:5



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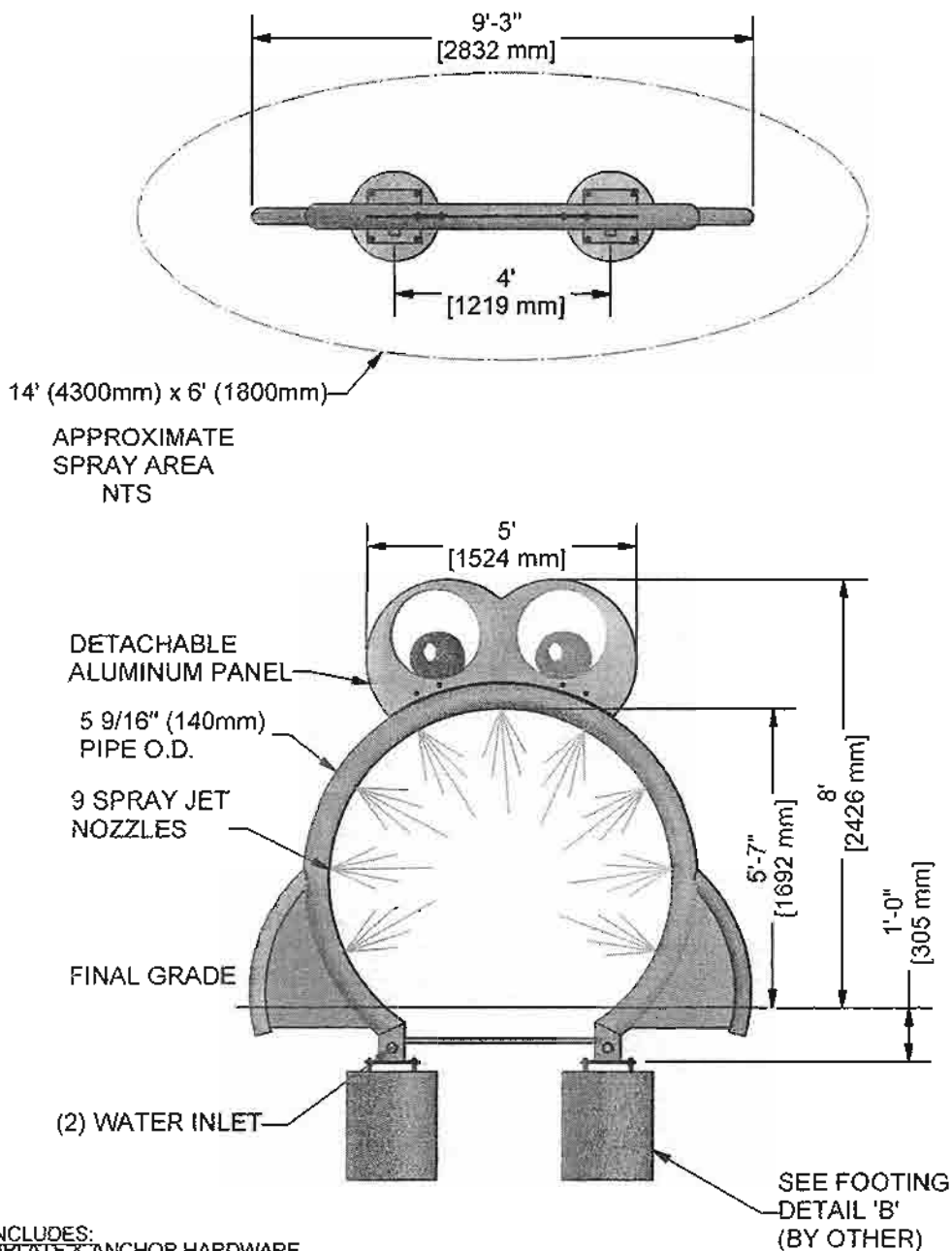
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WATER CONSUMPTION: FLOW RATES : 5-18 GPM @ 15 PSI. [ 20-65 LPM @ 103.4 KPA] (APPROXIMATE)



## COMPONENT INCLUDES:

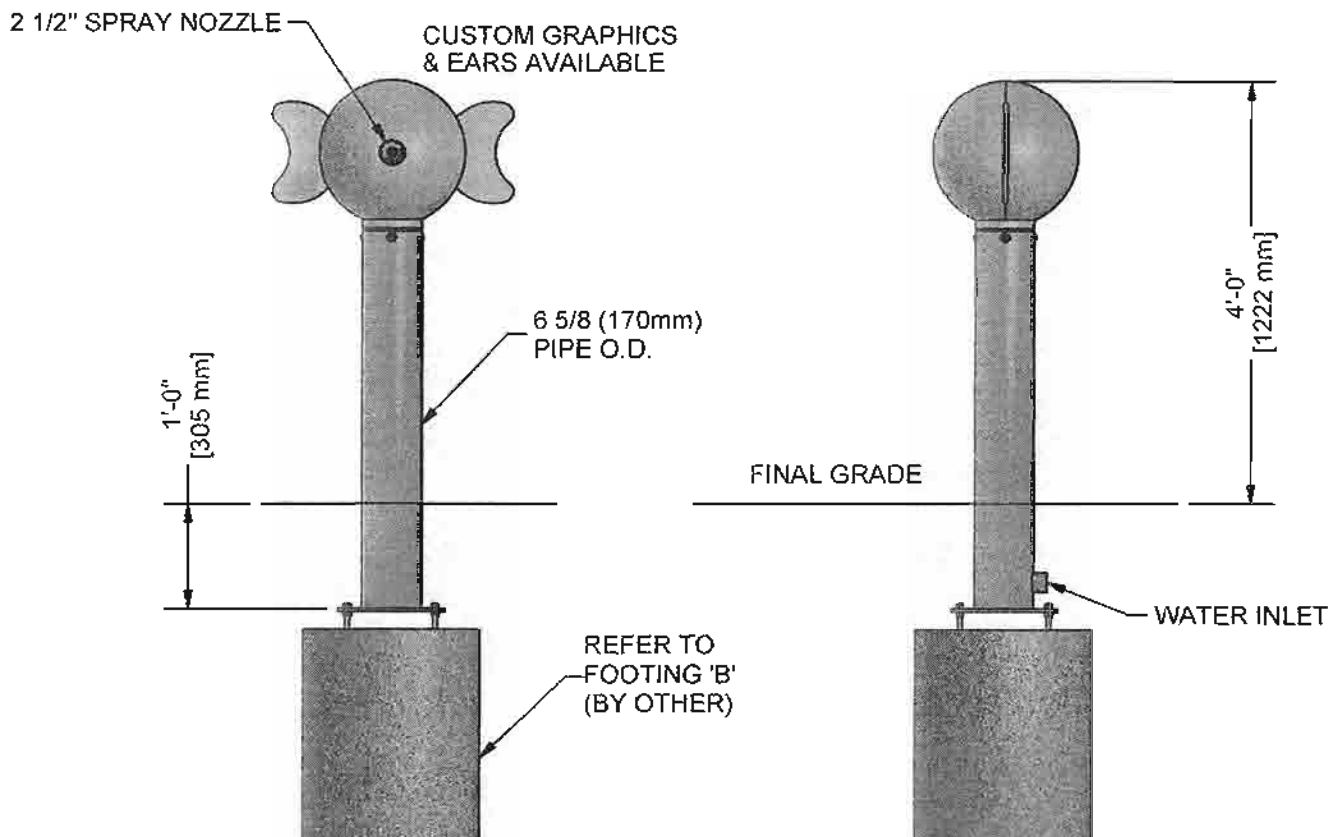
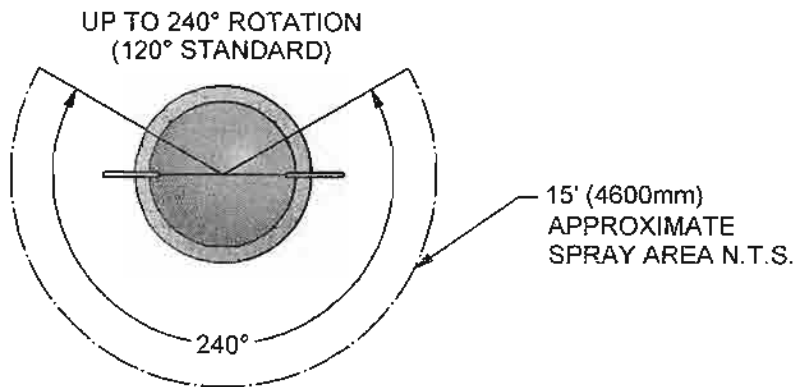
- FOOTING TEMPLATE & ANCHOR HARDWARE
- SERVICE TOOLS
- TAMPER RESISTANT HARDWARE
- SPRAY NOZZLES
- WINTER BLANK NOZZLES

## GENERAL SPECIFICATIONS

COMPONENT MATERIAL	A304 STAINLESS STEEL	SPRAY NOZZLES	CNC MACHINED DELRIN® WITH TAMPER RESISTANT FASTENERS.
BASE PLATE	12" SQ x 3/8" (305 mm SQ x 10 mm)		
COMPONENT ANCHORING	1/2" x 6" (13 mm x 150 mm) EMBEDDED L-BOLTS, A304 SS	SAFETY	COMPONENT SHALL MEET ADA COMPLIANCE FOR HANDICAP ACCESSIBILITY, AND MEET OR EXCEED CURRENT ASTM F1487 & CAN/CSA-Z614 SAFETY STANDARDS
COMPONENT GROUNDING	#6 AWG BARE CU. WIRE & AN APPROVED GRD LUG		
WATER INLET	1-1/2" F-NPT COUPLER (OTHER THREAD STNDS AVAIL)		
COATING	POLYESTER BASED POWDERCOAT		REVISION:5

	1451B Ellis Street Kelowna, BC. V1Y 2A3 t: (250) 712-3393 f: (250) 861-4814 e: design@waterplay.com w: waterplay.com	<b>Copyright Material:</b> All plans & designs at all times remain the property of Waterplay Manufacturing, Inc. & cannot be used, or reproduced without written permission.	<b>NOTE:</b> THIS IS A PARTIAL SPECIFICATION. FOR FULL WATERPLAY® PRODUCT SPECIFICATIONS, PLEASE REFER TO THE WATERPLAY® GENERAL SPECIFICATION DOCUMENT
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WATER CONSUMPTION: FLOW RATES : 8-13 GPM @ 15 PSI. [ 30-50 LPM @ 103.4 KPA] (APPROXIMATE)



- COMPONENT INCLUDES:**
- FOOTING TEMPLATE & ANCHOR HARDWARE
  - SERVICE TOOLS
  - TAMPER RESISTANT HARDWARE
  - SPRAY NOZZLES
  - WINTER BLANK NOZZLES

## GENERAL SPECIFICATIONS

COMPONENT MATERIAL	A304 STAINLESS STEEL	SPRAY NOZZLES	CNC MACHINED DELRIN® WITH TAMPER RESISTANT FASTENERS.
BASE PLATE	12" SQ x 3/8" (305 mm SQ x 10 mm)		
COMPONENT ANCHORING	1/2" x 6" (13 mm x 150 mm) EMBEDDED L-BOLTS, A304 SS	SAFETY	COMPONENT SHALL MEET ADA COMPLIANCE FOR HANDICAP ACCESSIBILITY, AND MEET OR EXCEED CURRENT ASTM F1487 & CAN/CSA-Z614 SAFETY STANDARDS
COMPONENT GROUNDING	#6 AWG BARE CU. WIRE & AN APPROVED GRD LUG		
WATER INLET	1-1/2" F-NPT COUPLER (OTHER THREAD STNDS AVAIL)		
COATING	POLYESTER BASED POWDERCOAT		

REVISION:5



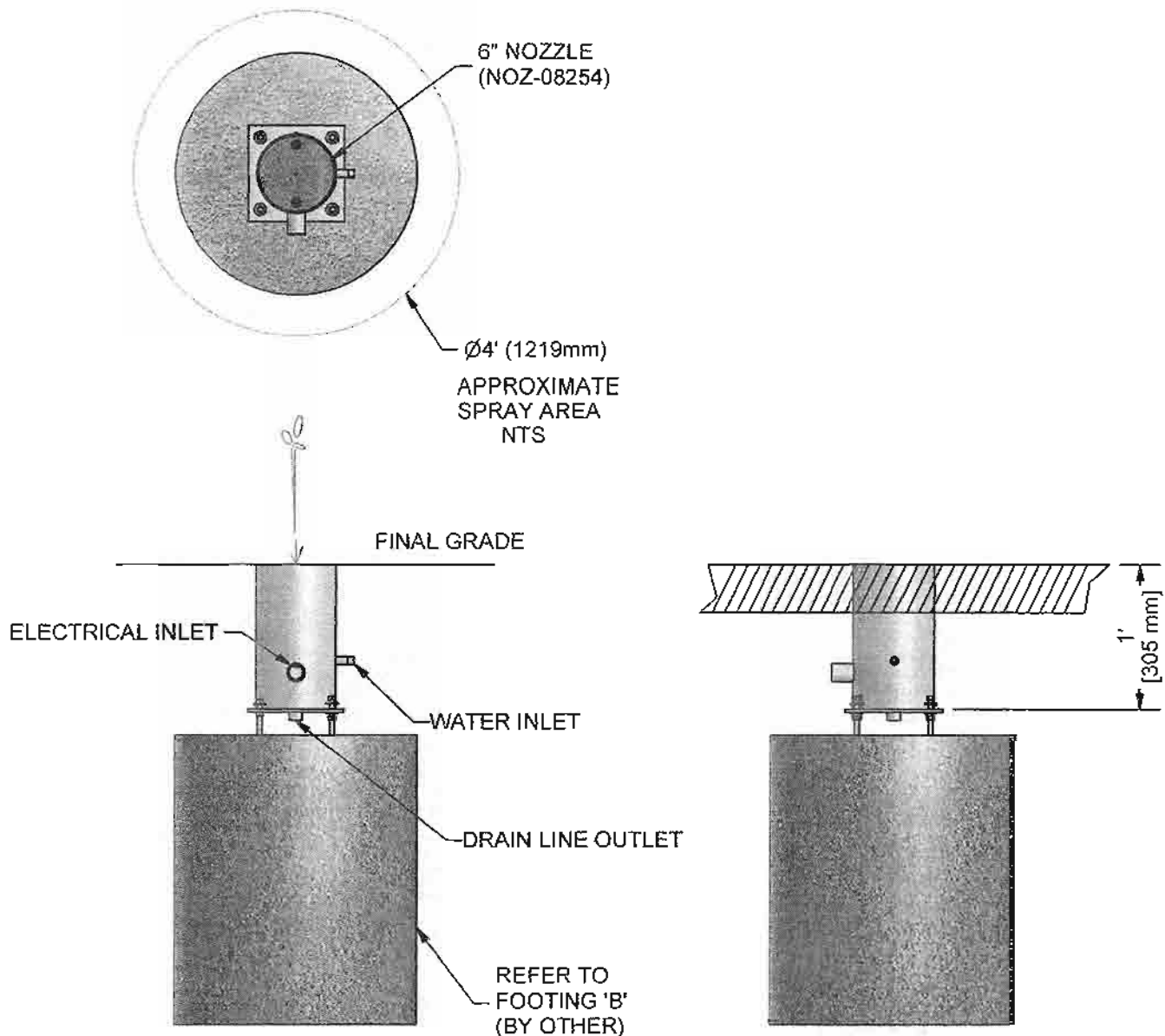
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WATER CONSUMPTION: FLOW RATES : 1 GPM @ 15 PSI. [ 3.8 LPM @ 103.4 KPA] (APPROXIMATE)



**COMPONENT INCLUDES:**

- FOOTING TEMPLATE & ANCHOR HARDWARE
- SERVICE TOOLS
- TAMPER RESISTANT HARDWARE
- SPRAY NOZZLES

**GENERAL SPECIFICATIONS**

COMPONENT MATERIAL	A304 STAINLESS STEEL	SPRAY NOZZLES	CNC MACHINED DELRIN® WITH TAMPER RESISTANT FASTENERS.
BASE PLATE	8" SQ x 3/8" (200 mm SQ x 10 mm)		
COMPONENT ANCHORING	1/2" x 6" (13 mm x 150 mm) EMBEDDED L-BOLTS, A304 SS	SAFETY	COMPONENT SHALL MEET ADA COMPLIANCE FOR HANDICAP ACCESSIBILITY, AND MEET OR EXCEED CURRENT ASTM F1487 & CAN/CSA-Z814 SAFETY STANDARDS
COMPONENT GROUNDING	#8 AWG BARE CU. WIRE & AN APPROVED GRD LUG		
WATER INLET	3/4" M-NPT COUPLER (OTHER THREAD STNDS AVAIL)		
ELECTRICAL INLET	1" F-NPT COUPLER (OTHER THREAD STNDS AVAIL)		REVISION:6



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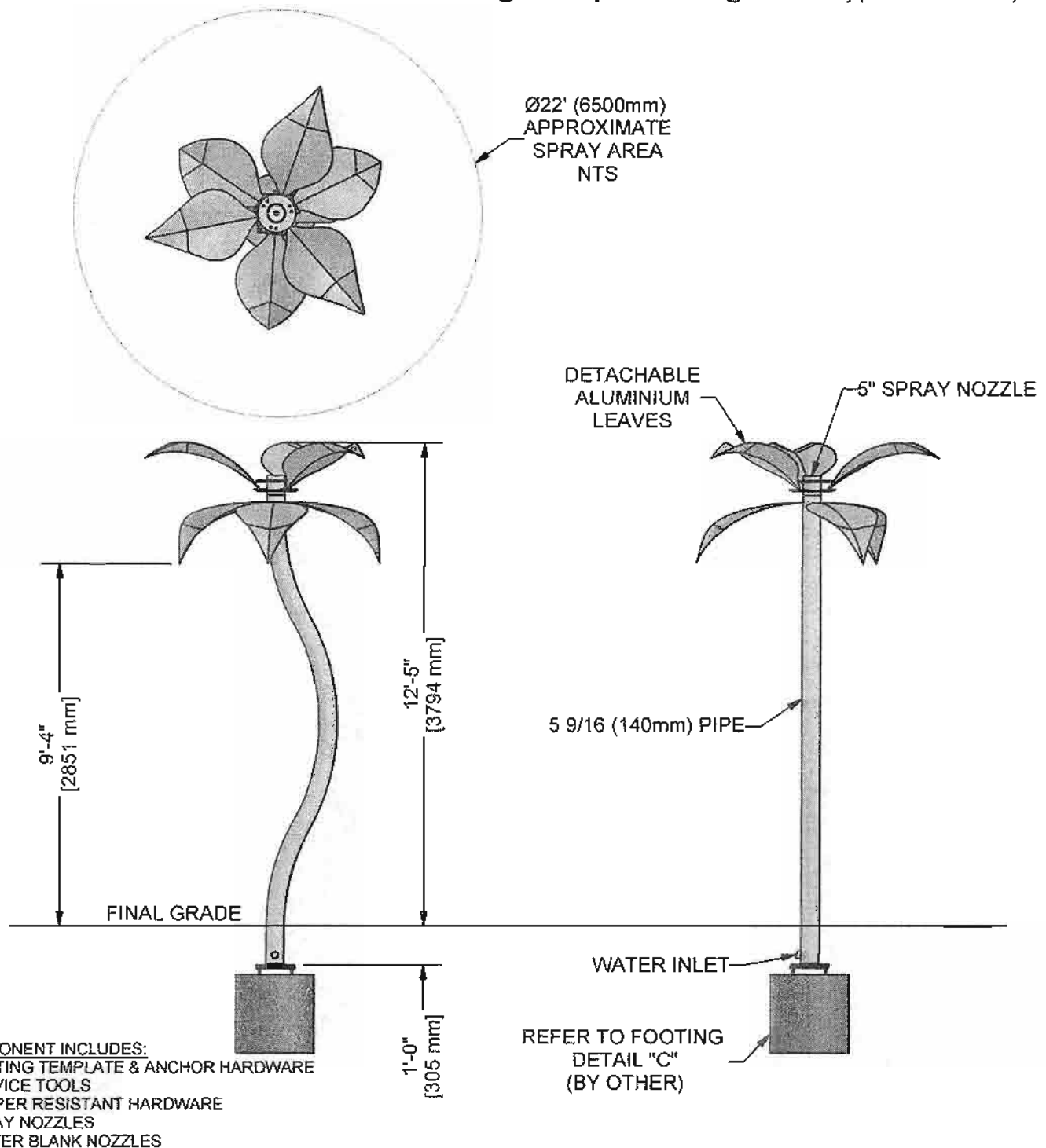
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# TRILLI WAVY (WAVY)

C02-020-W

WATER CONSUMPTION: FLOW RATES : 5-35 GPM @ 15 PSI. [ 20-120 LPM @ 103.4 KPA] (APPROXIMATE)



## GENERAL SPECIFICATIONS

COMPONENT MATERIAL	A304 STAINLESS STEEL	SPRAY NOZZLES	CNC MACHINED DELRIN® WITH TAMPER RESISTANT FASTENERS.
BASE PLATE	12" SQ x 3/8" (305 mm SQ x 10 mm)		
COMPONENT ANCHORING	1/2" x 9" L BOLT (13 mm x 228mm), SS A304	SAFETY	COMPONENT SHALL MEET ADA COMPLIANCE FOR HANDICAP ACCESSIBILITY, AND MEET OR EXCEED CURRENT ASTM F1487 & CAN/CSA-Z614 SAFETY STANDARDS
COMPONENT GROUNDING	#6 AWG BARE CU. WIRE & AN APPROVED GRD LUG		
WATER INLET	1-1/2" F-NPT COUPLER (OTHER THREAD STNDS AVAIL)		
COATING	POLYESTER BASED POWDERCOAT		

REVISION:5

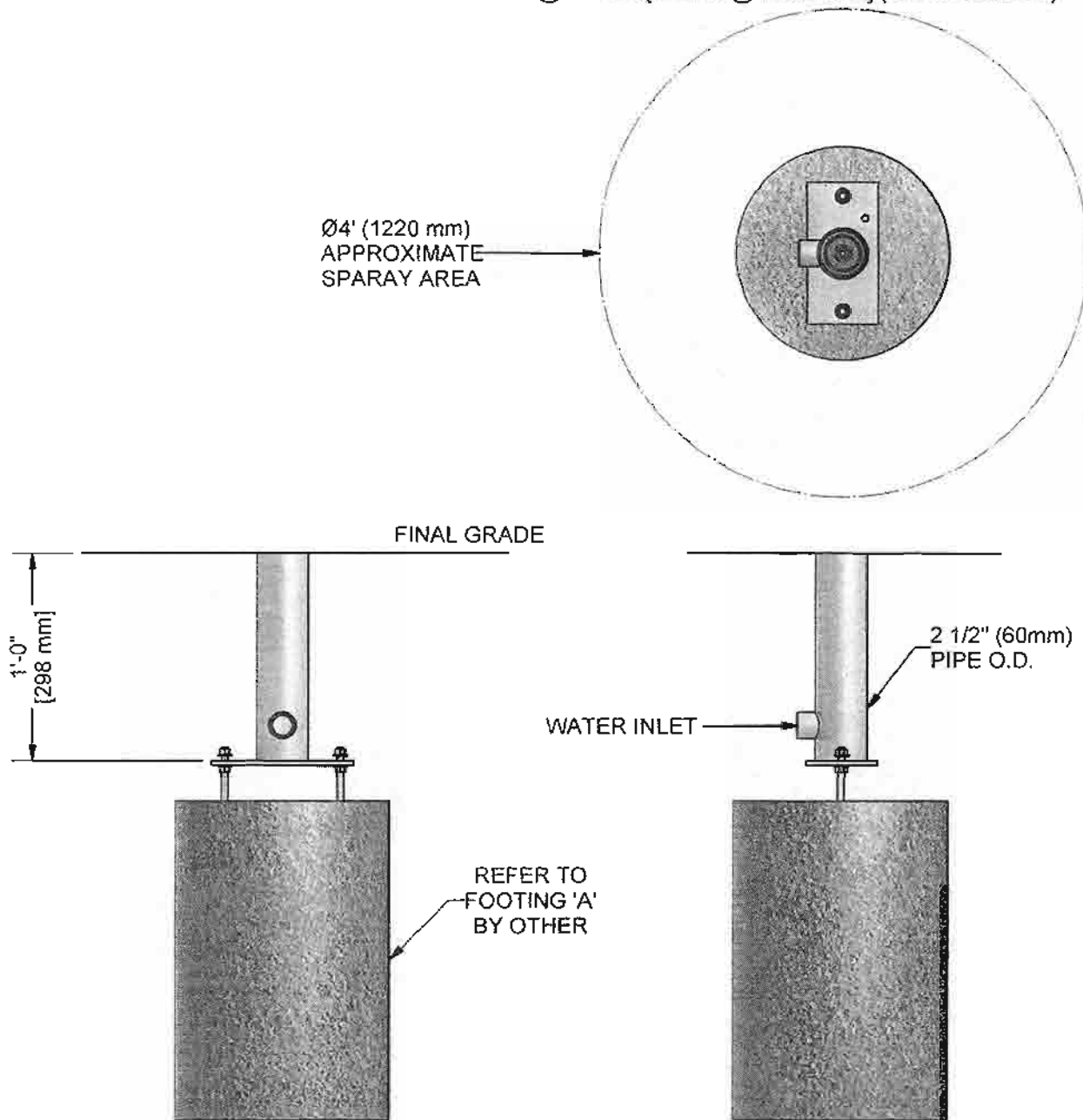


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WATER CONSUMPTION: FLOW RATES : 2 GPM @ 15 PSI. [ 4 LPM @ 103.4 KPA] (APPROXIMATE)




## COMPONENT INCLUDES:

- FOOTING TEMPLATE & ANCHOR HARDWARE
- SERVICE TOOLS
- TAMPER RESISTANT HARDWARE
- SPRAY NOZZLES
- WINTER BLANK NOZZLES

## GENERAL SPECIFICATIONS

COMPONENT MATERIAL	A304 STAINLESS STEEL	SPRAY NOZZLES	CNC MACHINED DELRIN® WITH TAMPER RESISTANT FASTENERS.
BASE PLATE	12" SQ x 3/8" (305 mm SQ x 10 mm)		
COMPONENT ANCHORING	3/8" x 8" L BOLT (10mm x 203mm), SS A304	SAFETY	COMPONENT SHALL MEET ADA COMPLIANCE FOR HANDICAP ACCESSIBILITY, AND MEET OR EXCEED CURRENT ASTM F1487 & CAN/CSA-Z614 SAFETY STANDARDS
COMPONENT GROUNDING	#8 AWG BARE CU. WIRE & AN APPROVED GRD LUG		
WATER INLET	1-1/2" F-NPT COUPLER (OTHER THREAD STNDS AVAIL)		
COATING	POLYESTER BASED POWDERCOAT		REVISION:1

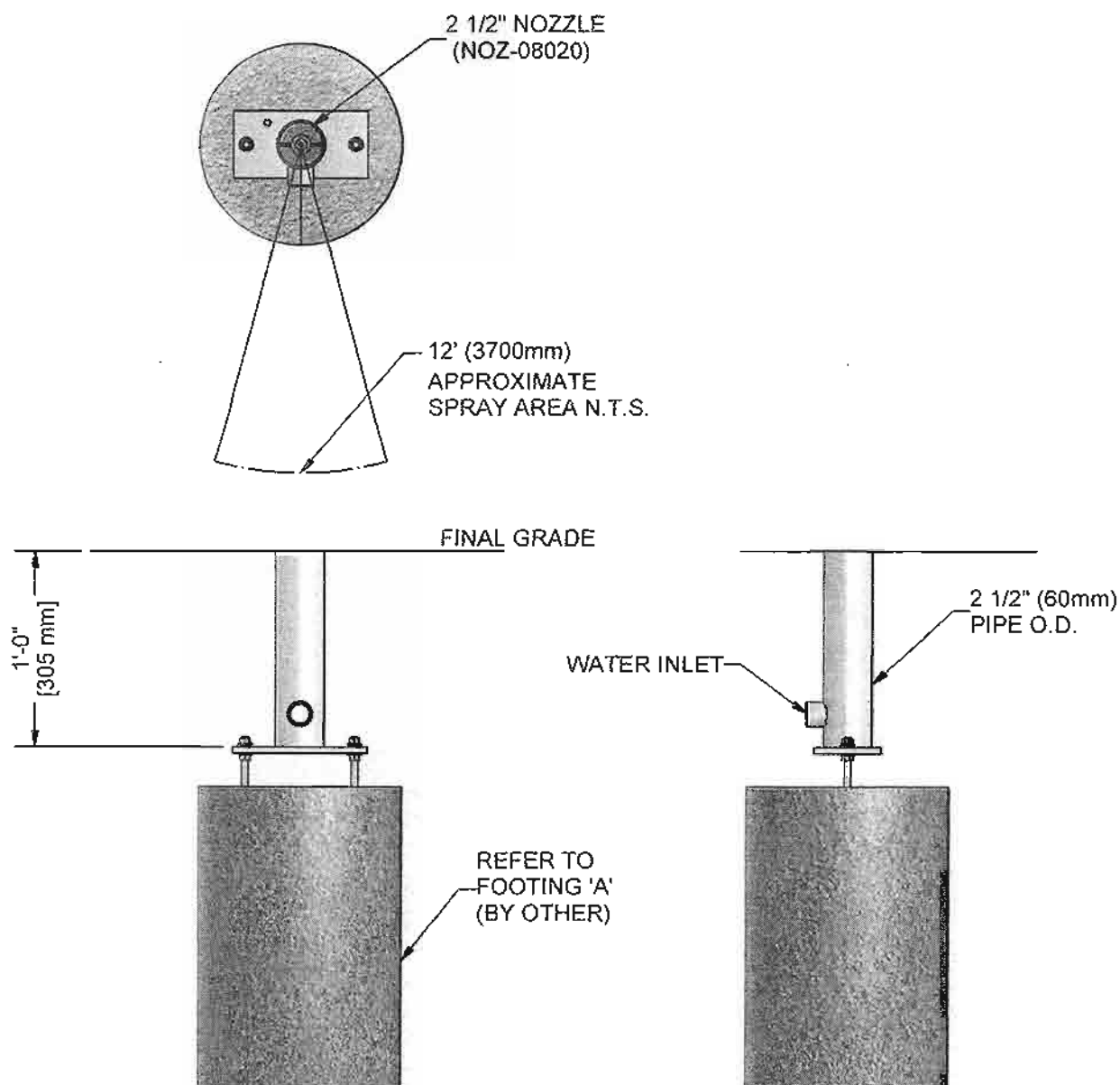
 **waterplay**  
MANUFACTURING INC.

1451B Ellis Street  
Kelowna, BC, V1Y 2A3  
t: (250) 712-3393 f: (250) 861-4814  
e: design@waterplay.com w: waterplay.com

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PLEASE REFER TO THE WATERPLAY® GENERAL  
SPECIFICATION DOCUMENT

WATER CONSUMPTION: FLOW RATES : 6 GPM @ 15 PSI. [ 23 LPM @ 103.4 KPA] (APPROXIMATE)



## COMPONENT INCLUDES:

- FOOTING TEMPLATE & ANCHOR HARDWARE
- SERVICE TOOLS
- TAMPER RESISTANT HARDWARE
- SPRAY NOZZLES
- WINTER BLANK NOZZLES

## GENERAL SPECIFICATIONS

COMPONENT MATERIAL	A304 STAINLESS STEEL	SPRAY NOZZLES	CNC MACHINED DELRIN® WITH TAMPER RESISTANT FASTENERS.
BASE PLATE	8"x4" (200mmX 100mm) W/ (2) 1/2" (13mm) HOLES	SAFETY	COMPONENT SHALL MEET ADA COMPLIANCE FOR HANDICAP ACCESSIBILITY, AND MEET OR EXCEED CURRENT ASTM F1487 & CAN/CSA-Z614 SAFETY STANDARDS
COMPONENT ANCHORING	3/8" x 8" (9 mm x 200 mm) EMBEDDED L-BOLTS, A304 SS		
COMPONENT GROUNDING	#6 AWG BARE CU. WIRE & AN APPROVED GRD LUG		
WATER INLET	1" F-NPT COUPLER (OTHER THREAD STNDS AVAIL)		
COATING	POLYESTER BASED POWDERCOAT		

REVISION:5



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1451B Ellis Street  
Kelowna, BC, V1Y 2A3  
t: (250) 712-3393 f: (250)861-4814  
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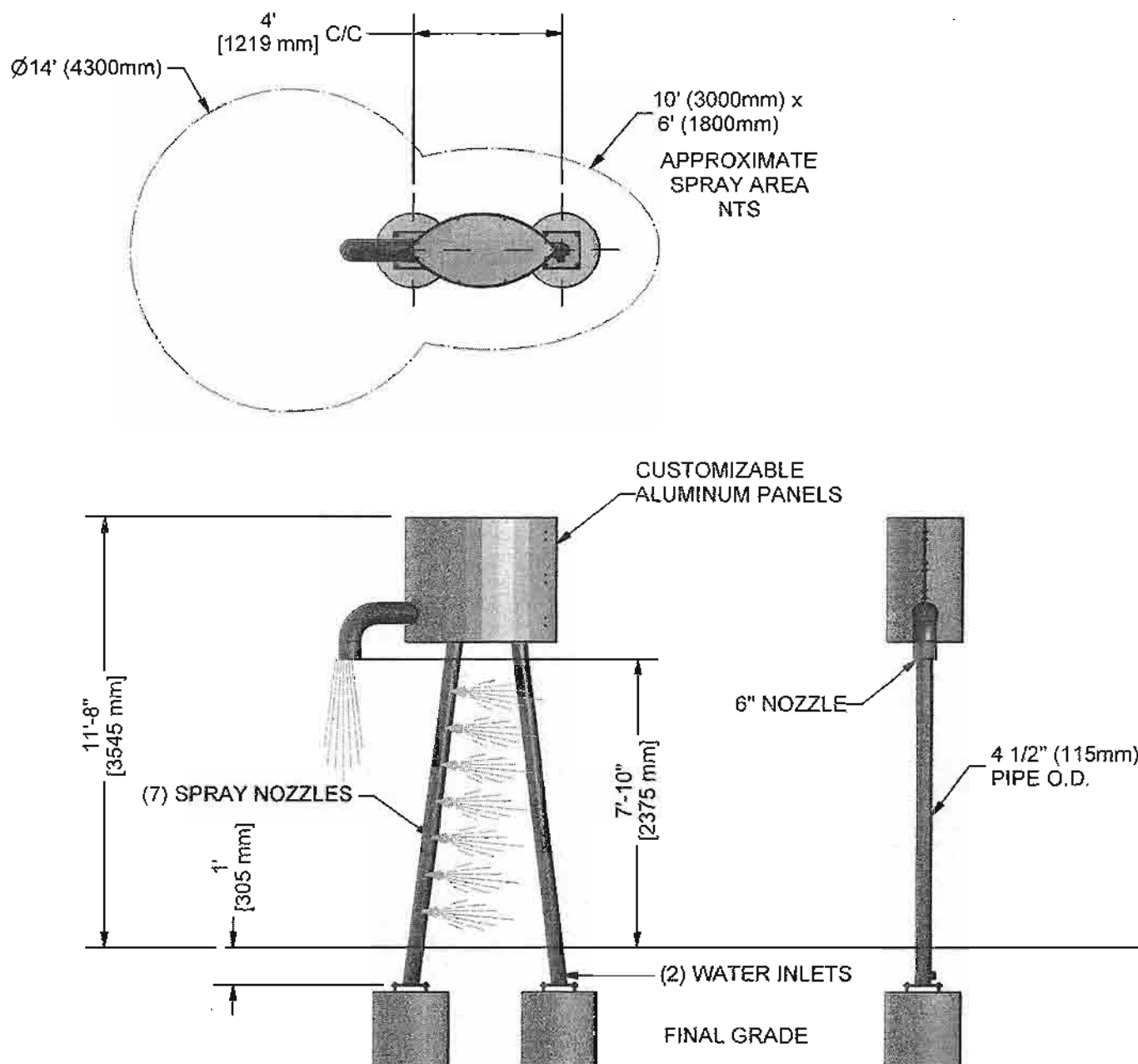
**NOTE:**  
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# WATER TOWER

C02-009

WATER CONSUMPTION: FLOW RATES : 2-30 GPM @ 15 PSI. [ 50-115 LPM @ 103.4 KPA] (APPROXIMATE)



## COMPONENT INCLUDES:

- FOOTING TEMPLATE & ANCHOR HARDWARE
- SERVICE TOOLS
- TAMPER RESISTANT HARDWARE
- SPRAY NOZZLES
- WINTER BLANK NOZZLES

## GENERAL SPECIFICATIONS

COMPONENT MATERIAL	A304 STAINLESS STEEL	SPRAY NOZZLES	CNC MACHINED DELRIN® WITH TAMPER RESISTANT FASTENERS.
BASE PLATE	12" SQ x 3/8" (305 mm SQ x 10 mm)		
COMPONENT ANCHORING	1/2" x 9" L BOLT (13 mm x 228mm), SS A304	SAFETY	COMPONENT SHALL MEET ADA COMPLIANCE FOR HANDICAP ACCESSIBILITY, AND MEET OR EXCEED CURRENT ASTM F1487 & CAN/CSA-Z614 SAFETY STANDARDS
COMPONENT GROUNDING	#8 AWG BARE CU. WIRE & AN APPROVED GRD LUG		
WATER INLET	1-1/2" F-NPT COUPLER (OTHER THREAD STNDS AVAIL)		
COATING	POLYESTER BASED POWDERCOAT		REVISION:7



**waterplay**  
MANUFACTURING INC.

14518 Ellis Street  
Kelowna, BC V1Y 2A3  
t: (250) 712-3363 f: (250) 861-4814  
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PLEASE REFER TO THE WATERPLAY® GENERAL  
SPECIFICATION DOCUMENT

## IMPERVIOUS SURFACE AREAS

EXISTING BATH HOUSE =	1,920 Sq. Ft.
PROPOSED PICNIC SHELTER =	2,250 Sq. Ft.
PROPOSED SPRAY PARK =	2,196 Sq. Ft.
PROPOSED GRAVEL =	209,750 Sq. Ft.
EXISTING GRAVEL =	243,876 Sq. Ft.
<u>EXISTING MOBILE HOME =</u>	<u>906 Sq. Ft.</u>
 (TOTAL) IMPERVIOUS AREA =	 460,898 Sq. Ft.
<u>(TOTAL) RV SITE =</u>	<u>1,483,355 Sq. Ft.</u>
IMPERVIUOS SURFACE AREA =	31.07%

# Atlas

## Lighting Products

CATALOG NUMBER:

JOB NAME:

CUSTOMER NAME:

NOTES:

TYPE:

DATE:



### FEATURES AND SPECIFICATIONS

#### SITE LIGHTING

SRFL19 SERIES

ARM MOUNTED FORWARD THROW RECTANGULAR LUMINAIRE

#### Wattages:

High Pressure Sodium: 250w - 400w

Pulse Start: 200w - 400w

#### Construction:

Formed Aluminum Housing

Toolless Entry

Removable Ballast Tray

EISA Compliant

#### Optics:

High Efficiency Forward Throw Reflector

Hinged Face Frame

Tempered Glass Lens

#### Electrical

Suitable for Wet Locations

#### Mounting

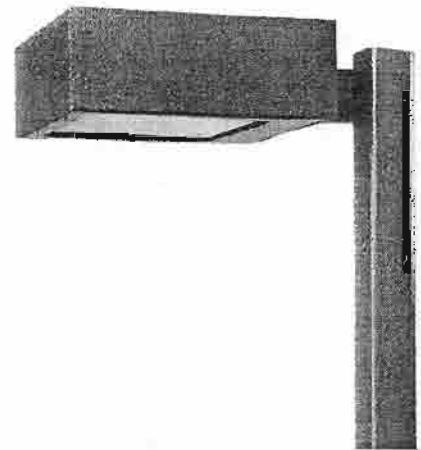
Factory Drilled for Arm Mount Use

#### Specifications:

Overall height: 8.31" (21.10 cm)

Width: 19.5" (49.53 cm)

Depth: 16.75" (42.54 cm)



### ACCESSORIES

- 280-139 6" Extrusion Kit
- 280-139R 6" Extrusion Kit for Round Poles
- 280-140 12" Extrusion Kit
- 280-140R 12" Extrusion Kit for Round Poles

### ORDERING INFORMATION

Order accessories as separate catalog numbers (shipped separately).

example:

SR

F

L

P

35

Q

A

F

1F

PRODUCT FAMILY  
SR = Saturn™  
Rectangular

OPTICS  
F = Forward Throw  
C = Cut Off  
V = Type V

HOUSING TYPE  
L = 19"

LAMP TYPE  
H = High Pressure Sodium  
P = Pulse Start

WATTAGE  
20 = 200W  
25 = 250W  
32 = 320W  
35 = 350W  
40 = 400W

BALLAST  
VOLTAGE  
Q = Quad Volt  
4 = 480 Volt  
5 = 5-Tap

MOUNTING  
A = Arm Mount

LENS  
F = Flat Glass  
S = Sag Glass

OPTIONS & ACCESSORIES  
1F = Single Fuse (120 or 277V)  
2F = Double Fuse (280, 240, 480V)  
PRC = Photo Control Receptacle - 120"  
PR2 = Photo Control Receptacle - 208"  
PR3 = Photo Control Receptacle - 240"  
PR4 = Photo Control Receptacle - 277"  
PR5 = Photo Control Receptacle - 480"  
\*Twist lock photo control sold separately

Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.

### ATLAS LIGHTING PRODUCTS, INC.

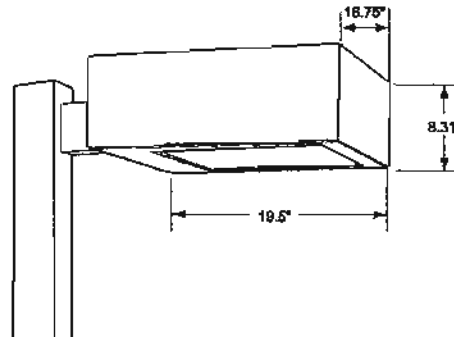
PO BOX 2348 | BURLINGTON, NC 27216

800-849-8485 | FAX: 336-227-0110 | [www.atlaslightingproducts.com](http://www.atlaslightingproducts.com)

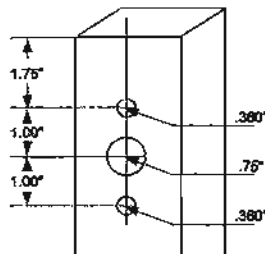
## DIMENSIONS

### Specifications:

**Overall height:**  
8.31" (21.10 cm)  
**Width:**  
19.5" (49.53 cm)  
**Depth:**  
16.75" (42.54 cm)



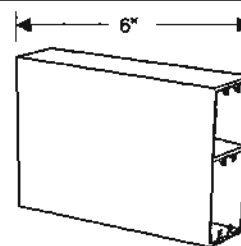
## MOUNTING DETAILS



## EPA RATING

Number of Fixtures	EPA
1	1.12
2	2.24
3	3.36
4	4.48

## MOUNTING OPTIONS



280-139

280-139 6" Extrusion Kit  
280-139R 6" Extrusion Kit for Round Poles  
280-140 12" Extrusion Kit  
280-140R 12" Extrusion Kit for Round Poles

*\*Individual cut sheets available*

Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.

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# Atlas

## Lighting Products

CATALOG NUMBER:

JOB NAME:

CUSTOMER NAME:

NOTES:

TYPE:

DATE:

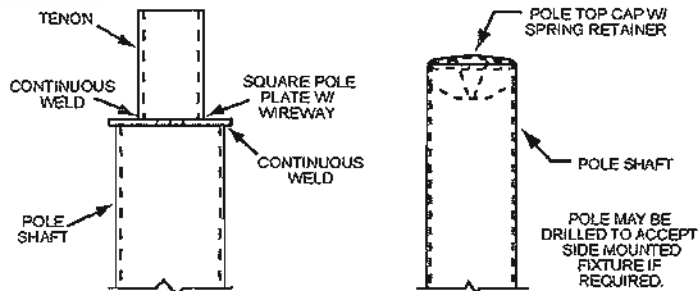
### FEATURES AND SPECIFICATIONS

#### AREA LIGHTING

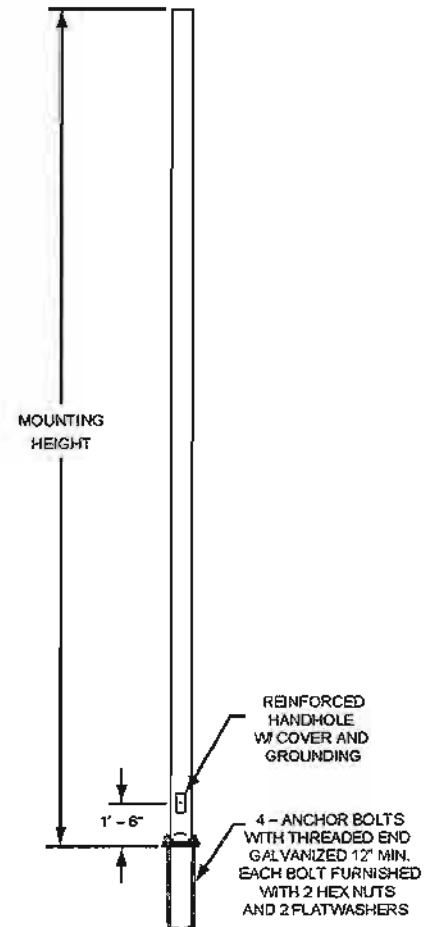
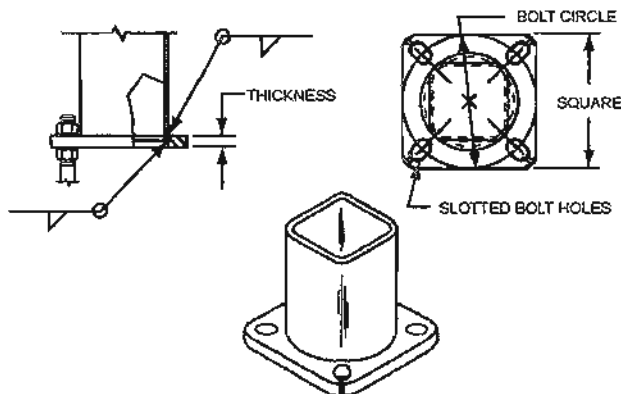
##### POLES

#### SQUARE STRAIGHT STEEL POLES

#### POLE TIP DETAILS



#### POLE BASE DETAILS



### ORDERING INFORMATION

Nominal Mounting Height (ft)	Catalog Number	Shaft			Pole Base			Maximum Loading					
								80MPH		90MPH		100MPH	
		Base O.D. (in)	Wall Thk. (ga)	Gross Weight (lbs)	Bolt Circle Range*	Plate Width (in)	Plate Thk. (in)	EPA (ft²)	Weight (lbs)	EPA (ft²)	Weight (lbs)	EPA (ft²)	Weight (lbs)
10	SSS100411BZ	4.00	11	79	8 to 9	8.0	0.75	30.5	763	23.5	588	18.5	463
12	SSS120411BZ	4.00	11	92	8 to 9	8.0	0.75	23.5	588	18.0	450	13.5	338
14	SSS140411BZ	4.00	11	105	8 to 9	8.0	0.75	20.0	500	15.0	375	11.5	288
16	SSS160411BZ	4.00	11	118	8 to 9	8.0	0.75	14.0	350	9.5	238	6.5	163
18	SSS180411BZ	4.00	11	131	8 to 9	8.0	0.75	12.0	300	8.5	213	5.5	138
20	SSS200411BZ	4.00	11	144	8 to 9	8.0	0.75	10.5	263	7.0	175	5.0	125
20	SSS200507BZ	5.00	7	285	10 to 12	11.0	1.00	29.5	738	22.0	550	17.0	425
20	SSS200511BZ	5.00	11	195	10 to 12	11.0	1.00	18.5	463	13.5	338	9.5	238

\*-Consult Factory for Specific Bolt Circle Measurements.

Decorative Poles Also Available.

Continued →

Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.

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**AREA LIGHTING**  
**POLES**  
**SQUARE STRAIGHT STEEL POLES**

**ORDERING INFORMATION CONTINUED**

Nominal Mounting Height (ft)	Catalog Number	Shaft			Pole Base			Maximum Loading					
								80MPH		90MPH		100MPH	
		Base O.D. (in)	Wall Thk. (ga)	Gross Weight (lbs)	Bolt Circle Range*	Plate Width (in)	Plate Thk. (in)	EPA (ft²)	Weight (lbs)	EPA (ft²)	Weight (lbs)	EPA (ft²)	Weight (lbs)
25	SSS250411BZ	4.00	11	182	8 to 9	8.0	0.75	5.5	138	3.0	75	1.5	38
25	SSS250407BZ	4.00	7	270	8 to 9	8.0	0.75	10.5	263	7.0	175	4.5	113
25	SSS250511BZ	5.00	11	236	10 to 12	11.0	1.00	11.0	275	7.0	175	4.5	113
25	SSS250507BZ	5.00	7	349	10 to 12	11.0	1.00	19.5	488	13.5	338	9.5	238
30	SSS300511BZ	5.00	11	277	10 to 12	11.0	1.00	5.5	138	2.5	63	0.5	13
30	SSS300507BZ	5.00	7	308	10 to 12	11.0	1.00	12.5	313	8.0	200	5.0	125
30	SSS300607BZ	6.00	7	494	11 to 13	12.5	1.00	21.0	525	14.5	363	9.5	238
35	SSS350507BZ	5.00	7	481	10 to 12	12.5	1.00	7.5	188	4.0	100	1.0	25
35	SSS350607BZ	6.00	7	570	11 to 13	12.5	1.00	14.0	350	8.5	213	4.5	113
40	SSS400607BZ	6.00	7	646	11 to 13	12.5	1.00	8.5	213	4.0	100	0.5	13

\*-Consult Factory for Specific Bolt Circle Measurements.

Decorative Poles Also Available.

Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.

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Adjacent Landowners (property owners across a public or private road, easement, or waterway are considered adjacent landowners)

Legal notices are mailed to these owners, please type or write neatly.

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8821 CYPRESS LAKES DR  
APT 205 RALEIGH NC 27615

(3) CAROL BROWN  
2666 CORINTH RD.  
MONROE, NC 27559

(5) \_\_\_\_\_

(7) \_\_\_\_\_

(9) \_\_\_\_\_

(11) \_\_\_\_\_

(13) \_\_\_\_\_

(15) \_\_\_\_\_

(17) \_\_\_\_\_

(19) \_\_\_\_\_

(21) \_\_\_\_\_

(23) \_\_\_\_\_

(25) \_\_\_\_\_

(2) PHYLLIS DIXIE BUCHANAN  
6812 LIPSCOMB DR  
DURHAM NC 27712

(4) \_\_\_\_\_

(6) \_\_\_\_\_

(8) \_\_\_\_\_

(10) \_\_\_\_\_

(12) \_\_\_\_\_

(14) \_\_\_\_\_

(16) \_\_\_\_\_

(18) \_\_\_\_\_

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(22) \_\_\_\_\_

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