

**MAY 16, 2018**  
**BOARD OF COUNTY COMMISSIONERS**  
**ORANGE COUNTY, FLORIDA**  
**ADDENDUM No. 4, IFB Y18-757-RC**  
**BARBER PARK MULTIPURPOSE FIELD & SPLASH PAD IMPROVEMENTS**

**THE REVISED BID OPENING DATE IS MAY 29, 2018.**

This addendum is hereby incorporated into the bid documents of the project referenced above. The following items are clarifications, corrections, additions, deletions and/or revisions to, and shall take precedence over, the original documents. Underlining indicates additions, deletions are indicated by ~~strikethrough~~.

**A. THE BID OPENING DATE IS CHANGED FROM ~~MAY 22, 2018~~ to MAY 29, 2018.**

**B. Additions, Revisions, Deletions, Clarifications, Questions and Answers:**

**1. The following Splash Pad drawings have been revised in their entirety.**

- Sheet C.1 has been revised in its entirety. Please replace with Sheet C.1 (dated May 1, 2018)
- Sheet C.2 has been revised in its entirety. Please replace with Sheet C.2 (dated May 4, 2018)
- Sheet C.3 has been revised in its entirety. Please replace with Sheet C.3 (dated May 4, 2018)
- Sheet C.5 has been revised in its entirety. Please replace with Sheet C.5 (dated May 4, 2018)
- Sheet C.6 has been revised in its entirety. Please replace with Sheet C.6 (dated May 4, 2018)
- Sheet C.8 has been revised in its entirety. Please replace with Sheet C.8 (dated May 4, 2018)
- Sheet C.9 has been revised in its entirety. Please replace with Sheet C.9 (dated May 4, 2018)
- Sheet C.10 has been revised in its entirety. Please replace with Sheet C.10 (dated May 4, 2018)
- Sheet C.11 has been revised in its entirety. Please replace with Sheet C.11 (dated May 4, 2018)
- Sheet C.12 has been revised in its entirety. Please replace with Sheet C.12 (dated May 4, 2018)
- Sheet C.13 has been revised in its entirety. Please replace with Sheet C.13 (dated May 4, 2018)
- Sheet C.14 has been revised in its entirety. Please replace with Sheet C.14 (dated May 4, 2018)

- Sheet C.15 has been revised in its entirety. Please replace with Sheet C.15 (dated May 4, 2018)
  - Sheet C.16 has been revised in its entirety. Please replace with Sheet C.16 (dated May 4, 2018)
  - Sheet C.17 has been revised in its entirety. Please replace with Sheet C.17 (dated May 4, 2018)
  - Sheet C.18 has been revised in its entirety. Please replace with Sheet C.18 (dated May 4, 2018)
  - Sheet C.19.1 has been revised in its entirety. Please replace with Sheet C.19.1 (dated May 4, 2018)
  - Sheet C.19.2 has been revised in its entirety. Please replace with Sheet C.19.2 (dated May 4, 2018)
  - Sheet C.20 has been revised in its entirety. Please replace with Sheet C.20 (dated May 4, 2018)
  - Sheet C.21 has been revised in its entirety. Please replace with Sheet C.21 (dated May 4, 2018)
  - Sheet CE.1 has been revised in its entirety. Please replace with Sheet E.1 (dated May 4, 2018)
- 2. Addition: Permit** ENG2017-01616 (City of Orlando) for the Multipurpose Fields is ready for pickup. Total Fees due for this permit are \$12,463.76. The cost of this permit is to be included by the bidder in their price.
- 3. Addition:** Sheet C.15.1 – Details – Splash Pad Installation Drawing dated May 4, 2018 has been added to the Barber Park Splash Pad Improvement drawings.
- 4. Addition:** Specification Section 03900 Exposed Aggregate Pool Finish (dated May 9, 2018)
- 5. Addition:** Bike Rack, Benches and Trash Can Specifications (Pilot Rock as basis of design)
- Model SR Saddleback Bicycle Rack #SPC-BR-008 (Revised 06-09) – 2 pages
  - Model PCXB Portable or Surface Mount Bench #SPC-BC-099 (Revised 05-11) – 2 pages
  - Model TRH-32 Series Trash Receptacle Holder with Lumber Slats #SPC-TR-003 (Revised 05-12) – 2 pages
  - Dome Trash Lids #SPC-TR-005 (Revised 08-15) – 1 page
  - Recycling Lids #SPC-TR-008 (Revised 08-15) – 1 page
  - Lid Security, Recycling Decals and Receptacle Liners #SPC-TR-010 (Revised 04-12) – 2 pages
- 6. Clarification:** Wind screen shall be provided at the fenced, covered 20' x 20' pavilion at the splash pad. The Wind screen shall be

- 100% opacity providing 100% visual blockage
  - All four sides of each panel shall be hemmed and grommeted with 1” grommets. On larger panels, the grommet spacing shall not exceed 4 feet, with all four corners grommeted.
- 7. Question:** It was mentioned in the Pre-bid that in Addendum 1 the County was going to put in that the installer of the Sports field had to be a “Certified Field Builder” but I didn’t see any mention of that in the Addendum.  
**Answer:** The specifications were updated to address field construction concerns in addendum #1, removing the need to address the specific question of a certified field builder.
- 8. Question:** Assuming that the 2 Geotechnical Samplings for the new Storm-water Pond (Boring B-1 & B-2) is representative of the entire Pond area, will this material meet the requirements for the Structure Fill & Common Fill needed on this project?  
**Answer:** This would be contractor’s means and methods. Per USDA Soil Survey (exhibit A-2 of the geotechnical report), this area has a combination of Ona fine sand (nearly level and poorly drained), Seffner fine sand (nearly level and somewhat poorly drained) and Zolfo fine sand (nearly level and somewhat poorly drained). If fill, after testing (done at the contractor’s expense) is suitable it may be used. If not suitable, appropriate material will be provided at the contractor’s expense.
- 9. Question:** Can you clarify which areas of the project are required to have Structural Fill and Common Fill (For example, what type of Fill are you requiring under the Soccer Fields?)  
**Answer:** Select Common Fill or better is required for the fields. Select common fill shall meet the requirements for common fill specified in specification 2221 with the exception that select common fill shall not have more than 5 percent of its material by weight passing the No. 200 sieve. Also, the maximum allowable aggregate size for select common fill shall be 1 inch, or the maximum size recommended by the pipe manufacturer, whichever is smaller. This fill must adhere to the percolation requirements (must exceed 6-inches per hour) as per the specification 32 92 01 and others.
- 10. Question:** The chain link detail on sheet C301 calls for 7 gauge vinyl coated fabric but gate detail on sheet C.19.1 calls for a 6 gauge core. Do you mean 6 gauge finish?  
**Answer:** All fencing and gates shall be 9 gauge mesh before coating, 6 gauge after vinyl coating. The posts, fittings and all hardware are to be galvanized and black powder coated for a better fit and longevity once assembled.
- 11. Question:** Please confirm where the EPDM Rubber Surface is to be installed (Spec Book, Section 06 500 – Plastic & Composites)

**Answer:** EPDM rubber surface is not part of this project. Please disregard specification 06-500.

**12. Question:** Should the Landscape and Irrigation that falls into Additive 2 (North Parking Area) be included in the Base Bid or Additive 2 Pricing? If Additive 2 Parking is not picked up should we price that area as being all Sodded with Bahia?

**Answer:** All landscaping and irrigation will be part of additive 2 in the north parking lot area. If the north parking area is disturbed the Bahia sod would be part of the base bid. If the contractor does not disturb that area the existing grass can remain and then no sod would be needed.

**13. Question:** Will the Bottom of the Retention Pond North of the Soccer Fields be required to be sodded? If so with Bahia?

**Answer:** Sod is not required at the pond bottom. The pond is a wet pond. See the landscape plan for a detail planting plan for the pond.

**14. Question:** Will a Construction Fence around ALL construction areas be required?

**Answer:** Yes. The contractor shall be required to keep all work areas secured and shall post appropriate signage warning against trespassing.

**15. Question:** Sheet C.10 on the Splash Pad Plans shows the Construction Security Fence going around the Playground Area. Is there any work that is part of this bid in the Playground Area? Do we need to Secure that Area?

**Answer:** There is no work associated with the playground area in this bid. The playground area does not need to be secured, unless it is to keep the general public from entering the work area at the splash pad.

**16. Question:** Please confirm that the All Electrical Components associated with the Additive 2 North Parking Area are only to be included in the Additive 2 Price (not in base bid)

**Answer:** Electrical panel and controls should be sized in the base bid for the ultimate product. Conduit, light fixtures, etc for the north area should be included in additive 2 price and not in the base bid.

**17. Question:** Please confirm which type of Curb you would like installed as part of Additive 1 (Is it D Curb?)

**Answer:** D Curb.

**18. Question:** Can we substitute Thoroseal waterproofing in lieu of the Diamond Brite at the interior of the reservoir tank?

**Answer:** No. A specification for Diamond Brite (or equal) is included as part of this addendum (Specification Section 03900 Exposed Aggregate Pool Finish dated May 9, 2018)

**19. Question:** Are the plans issued for this bid to be signed and sealed by the County for permitting thru Orange Bldg. Dept and review by DOH or is that the responsibility of the Contractor?

**Answer:** The current set of plans has already been permitted with the Orange County Building Department, City of Orlando and the Department of Health. Any changes requiring re-permitting would be the responsibility of the contractor.

**20. Question:** E201 Note 4 States: "Contractor shall install concrete pad for transformer and all underground conduits as required to meet requirements of OUC." Is the electrical contractor responsible to provide a primary conduit(s) from the utility pole at the road to the utility transformer? If so please specify what size and how many conduits are to be installed. Attempts to reach OUC on this matter have not been successful.

**Answer:** Per OUC engineer, electrical contractor is to install (2) 6" conduits for utility transformer primary.

**21. Question:** For the dumpster enclosure, there are two different materials shown for the gate. One shows wood, the other shows a screen. Please let us know which one.

**Answer:** The gate material is Galvanized 2x2 tubing gate with fabric over gate frame with 1"x6" cedar boards attached to the frame. Fill all reinforced cells with concrete. Fill all corners with concrete. Compact subgrade below dumpster enclosure to 98% proctor density.

**22. Question:** The feature fire line that is being installed in this bid, is the size one foot eight inches, or is the plan stating "install one, 8 inch line". Please confirm. One size is shown as 1'8" the other shows 1-8".

**Answer:** The fire line should be one, 8 inch line.

**23. Question:** Do you have a Geotechnical Report for the Splash Pad area?

**Answer:** A geotechnical report for the splash pad is not available.

**24. Question:** Are we allowed to Dewater offsite (into Lake George) or does all Dewatering need be held onsite?

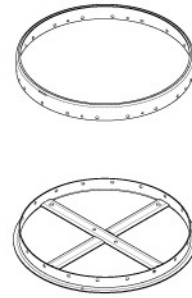
**Answer:** Dewatering needs to be held onsite. You cannot discharge directly into Lake George. Only non-turbid water may be allowed to flow to Lake George.

**25. Question:** Could you let me know if any site furnishings – benches, trash receptacles, bike racks, playground equipment, or soccer goals are included in this bid? If not, will you be bidding these items in the future?

**Answer:** The bid includes the following:

- One bike rack, SRP/G-9 (9 bikes), surface mount, surface mount anchor kit ANC3-4 also required. (or approved equal). The installation location is near the parking lot at the soccer fields. Disregard reference of H-2891BL in the plans.

- Three Total Trash/Recycle Cans: The trash cans shall be dome lid CN/G-5555, receptacle TRH/G-32TP24, liner CNG-WHD32CL, mount, surface mount galvanize frame TRH-FR, see attached image; recycle lid CN-PD/A-27PC5, (gray to match the galvanized dome lid), with recycling decal DE-24. One normal trash can will be placed near the splash pad (location to be directed by owner). One recycle trash can will be placed near the splash pad (location to be directed by owner). One normal trash can will be placed near bike rack at the soccer field. The bike rack pad shall be large enough for the trash receptacle as well as the bike rack. (exact location to be directed by owner).
- Benches: Two benches to be placed as directed by the owner at the soccer fields. Include 3-ft by 9-ft, 4" thick concrete with each bench. The bench shall be 6-ft long, surface mount, PT yellow pine with galvanized steel frame.
- Soccer Goals are provided by the Owner.
- No playground equipment



**26. Question:** In the Base Bid do we need to install the Root Zone Growing Medium (80/20 Mix) under Field 3 that is Un-Irrigated Bahia??

**Answer:** No.

**C. ACKNOWLEDGEMENT OF ADDENDA**

- The Bidder/Proposer shall acknowledge receipt of this addendum by completing the applicable section in the solicitation or by completion of the acknowledgement information on the addendum. Either form of acknowledgement must be completed and returned not later than the date and time for receipt of the bid or proposal.
- All other terms and conditions of the IFB remain the same.

**Receipt acknowledged by:**

\_\_\_\_\_  
**Authorized Signature**

\_\_\_\_\_  
**Date Signed**

\_\_\_\_\_  
**Title**

\_\_\_\_\_  
**Name of Firm**

**Benches, Bike Rack and Trash Can Specifications (or approved equals)**

# Model SR Saddleback Bicycle Rack



*Model SRP/G-5 Surface Mount Saddleback Bike Rack with Hot Dip Galvanized finish and Standard Cover Caps. Hold 5 bikes*

- **Six sizes available to hold three to thirteen bikes**
- **Model for embedded or surface mount installation**
- **Heavy 2-3/8" OD Schl. 40 steel pipe**
- **Hot-dip galvanized after fabrication for superior corrosion resistance**
- **Works with any bike, any security device**

## AVAILABLE OPTIONS

**Models to hold 3 ,5 ,7 ,9 ,11, or 13 bikes**  
**Anchor Kit**  
**Choice of colors of Powder Coat Finish**

## SPECIFICATIONS:

- **Model SR** Saddleback bike rack is constructed from 2-3/8" dia. Schedule 40 steel pipe with 6" inside radius die-formed bends creating an inverted "U" shape providing a rack for securing from three to thirteen bicycles.
- **Model SR** bike rack is designed to have an overall height of 36", overall width will vary by model.
- Bike rack is hot-dip galvanized after fabrication to ASTM-A123 to maintain an average zinc coating of 2.0 oz. per sq. ft. of surface area (indicated by "/G" in model no., e.g. SRE/G-3).
- **Two Installation Choices:**
  - **Embedded:** The vertical legs of the **Model SRE/G** bike rack are embedded 11-1/2" into concrete footings (indicated by "E" in model no., e.g. SRE/G-3). A 9/16" dia hole through each leg is provided for insertion of a 1/2" rod (not included) to additionally secure the rack in the footings.
  - **Optional:** Formed pregalvanized steel cover caps are available for the **Model SRE/G** bike rack.
  - **Surface Mount:** The vertical legs of the **Model SRP/G** bike rack are threaded to receive screw-on flanges with two 9/16" dia. holes for 3/8" anchor bolts (not included) for surface mount applications (indicated by "P" in model no., e.g. SRP/G-3).
  - **Standard:** Formed pregalvanized steel cover caps are included with **Model SRP/G** bike racks to cover anchors for safety and appearance.
  - **Optional:** A choice of powder coat colors is available. For color choices see Specification Bulletin #SPC-CO-001.
  - **Optional: Model ANC3-4** anchor kit, a set of four 3/8" dia. x 3" heavy duty screw anchors for concrete surface mounting of Models SRP-3 thru SRP-11, **Model ANC3-6** anchor kit, a set of six 3/8" dia. x 3" heavy duty screw anchors for SRP-13 (order as an additional item).

<b># of Bikes</b>	<b>3</b>	<b>5</b>	<b>7</b>	<b>9</b>	<b>11</b>	<b>13</b>
<b>Length (nom.)</b>	<b>14"</b>	<b>38"</b>	<b>62"</b>	<b>86"</b>	<b>110"</b>	<b>134"</b>
<b>Embedded Models</b>	<b>SRE/G-3</b>	<b>SRE/G-5</b>	<b>SRE/G-7</b>	<b>SRE/G-9</b>	<b>SRE/G-11</b>	<b>SRE/G-13</b>
<b>Base Plate Models</b>	<b>SRP/G-3</b>	<b>SRP/G-5</b>	<b>SRP/G-7</b>	<b>SRP/G-9</b>	<b>SRP/G-11</b>	<b>SRP/G-13</b>

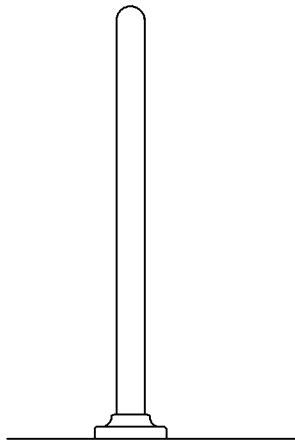
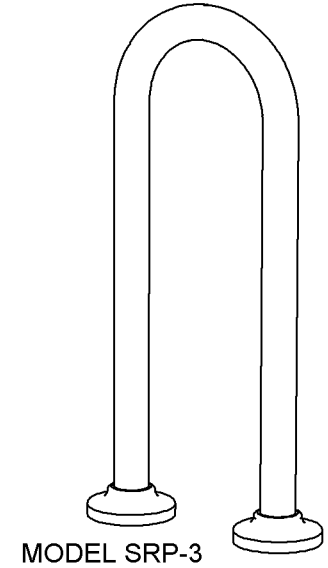
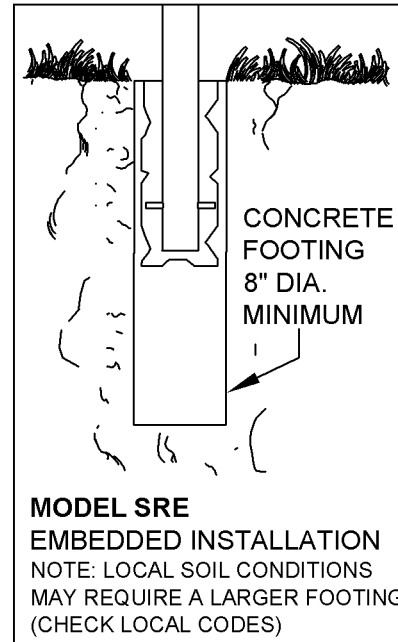
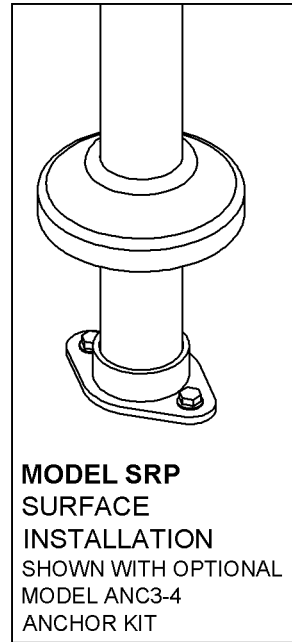
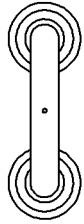
Note: Saddleback Bicycle Racks feature a nominal 12" center to center between loops. Listed lengths are nominal and may vary due to bending tolerances.

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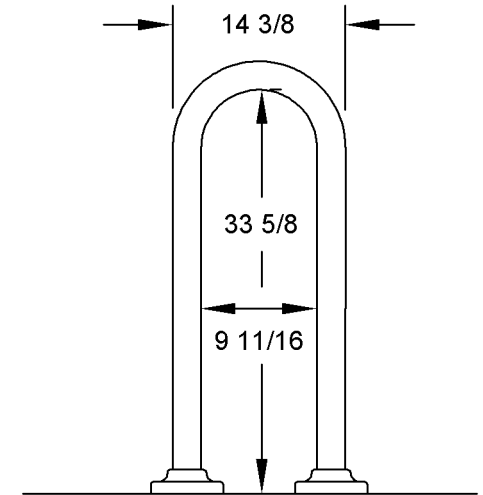
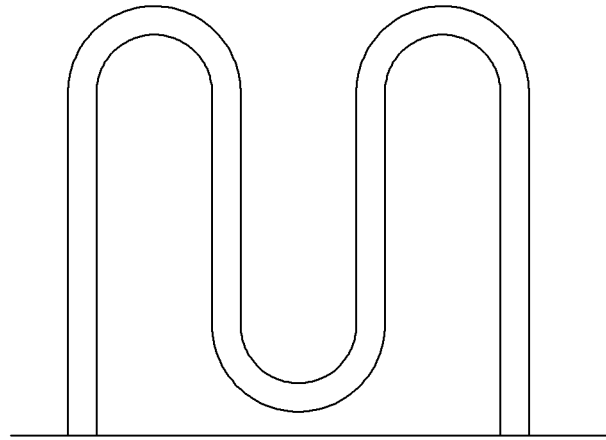
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**MODEL SRE-5**



ALL DIMENSIONS IN INCHES

ALL DIMENSIONS IN INCHES

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P.O. Box 946 • Cherokee, IA 51012-0946

DRAWN BY  
**WWM**

TITLE SR SERIES SADDLEBACK BIKE RACK

DATE 12-02-15

DWG. NO. **AI-1805**



*Model PCXB/G-6TP24 Surface Mount Bench  
with hot-dip galvanized frames,  
6 Ft. long with Treated Southern Yellow Pine 2" x 4" slats.*

- **Extra heavy design to be stronger and more stable with a simple, clean design.**
- **Sturdy, formed and welded steel frame construction**
- **Frames are Hot-Dip Galvanized after fabrication for superior corrosion resistance**
- **Precision drilled lumber**
- **Quality construction throughout**

#### **SPECIFICATIONS:**

- **Model PCXB** end frames are one-piece, welded construction with a back and seat bracket of 2-3/8" x 1-1/2" x 1/8" nominal sized, die-formed channel, and a 2.375" (2-3/8") O.D. post and foot to meet 2" nominal steel pipe size specifications. Frame foot is formed with flattened and rounded ends. A 9/16" hole is provided in each end of foot for optional surface mounting with concrete anchors (anchors not included).
- **Model PCXB/G-4** is 4 ft. long (nom.) with no diagonal braces.
- **Model PCXB/G-6** is 6 ft. long (nom.) with (2) diagonal braces.
- **Model PCXB/G-8** is 8 ft. long (nom.) with (2) diagonal braces.
- **Standard:** All steel frame components are hot-dip galvanized after fabrication to ASTM-A123 to maintain an average zinc coating of 2.0 oz. per sq. ft. of surface area (indicated by "/G" in model no., e.g. PCXB/G-4TP24).
- **Standard:** Seat and back are (6) 2" x 4" (nom.) Treated #1 Southern Yellow Pine slats, pressure treated and kiln dried after treatment (KDAT) to preserve wood against decay (indicated by "TP24" at end of the model no, e.g. PCXB/G-4TP24).
- All fasteners are provided for assembly.
- **Optional:** Color choices of powder coated steel frame components. For optional colors choices see Specification Bulletin #SPC-CO-001.
- **Optional:** Untreated #1 Southern Yellow Pine Seat and back material is readily available (To specify, change "TP" in model no. to "UP", e.g. PCXB/G-4UP24). (Cedar, Fir, and Redwood are available when in stock – please inquire.)

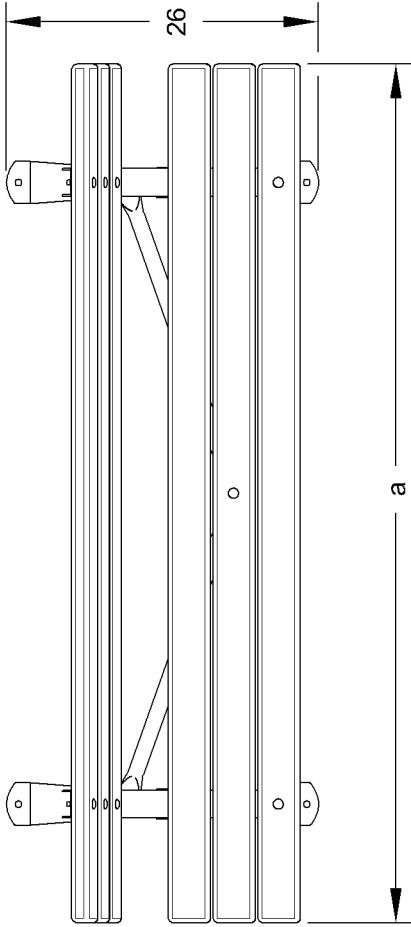
#### **AVAILABLE OPTIONS**

- 4', 6' or 8' models
- Powder Coat Finish in choice of colors for steel frame components
- Untreated #1 Southern Yellow Pine, Cedar, Fir, or Redwood lumber
- Routed Lettering available (call for details)
- Armrests

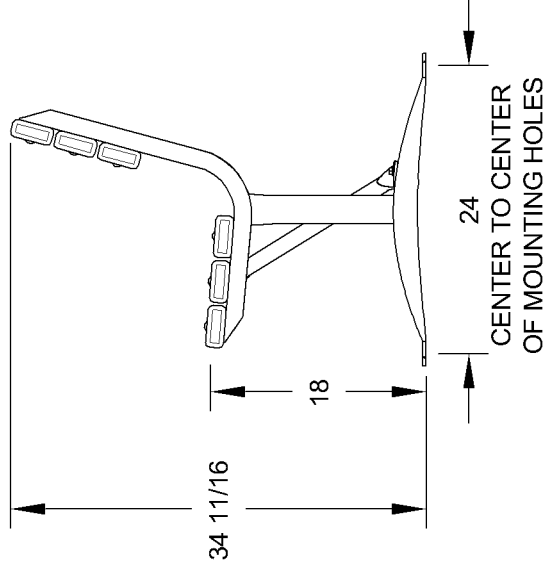
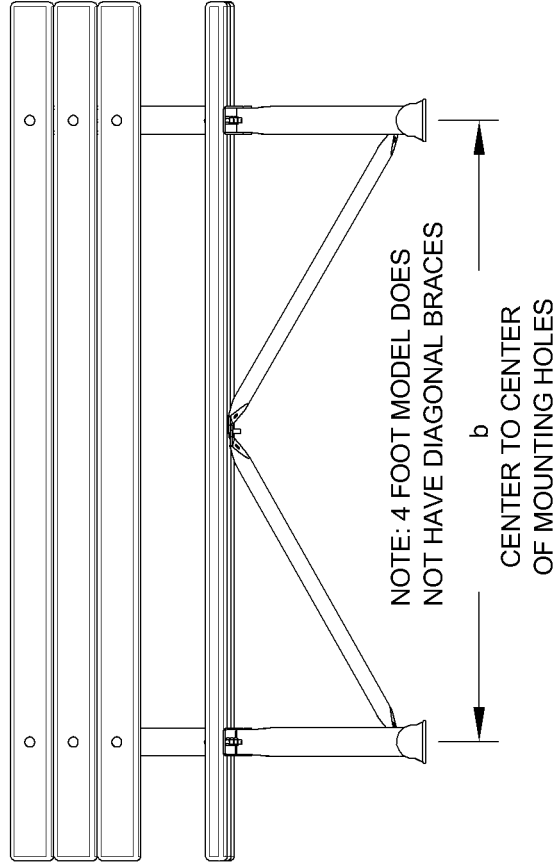
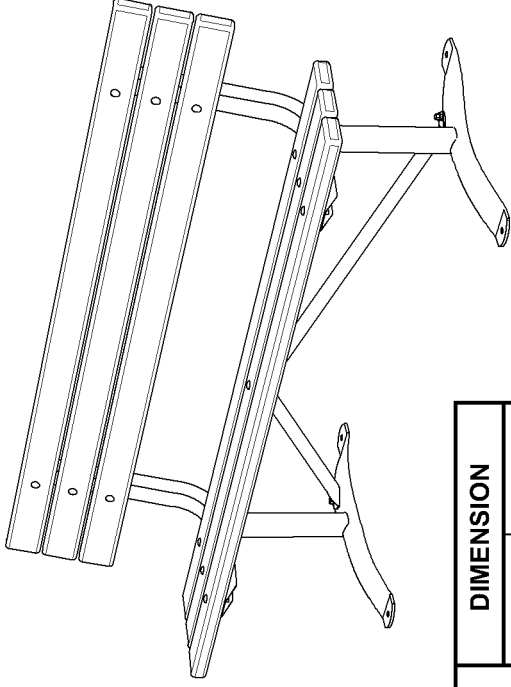
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MODEL NUMBER	DIMENSION	
	a	b
PCXB-4	47-1/2	36
PCXB-6	71-1/2	51-3/4
PCXB-8	95-1/2	70



ALL DIMENSIONS IN INCHES

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DRAWN BY  
**WWM**

TITLE MODEL PCXB EXTRA HEAVY DUTY 4, 6, AND 8 FOOT PORTABLE/SURFACE MOUNT BENCH WITH 2" X 4" LUMBER SLATS

DATE 5-10-11  
 DWG. NO. AI-1629



*Model TRH/G-32TP24 Trash Receptacle Holder with Hot Dip Galvanized steel frame rings and Treated #1 Southern Yellow Pine 2" x 4" slats. Shown with Model CN-PD/B-27 Black Pilot Rock Molded Plastic Dome Hatch Lid*

- **32 gallon capacity**
- **Welded Steel Frame Ring Fabrication**
- **Treated #1 Southern Yellow Pine 2" x 4" slats**
- **Large choice of lid, liner, and mounting options**

**MOUNTING OPTIONS**

- Model M1G Strap Anchor Mount:**  
ground level concrete embedded installation
- Model M2/G Embedded Pedestal Mount:**  
elevated concrete embedded installation
- Model M3/G Surface Pedestal Mount:**  
elevated base plate on concrete installation
- Model M6/B Surface Ground Anchors:**  
four steel rod anchors for temporary location in lawns or on soft dirt.

**CAN AND LINER OPTIONS**

- Model CNG-2310CL:** Regular-duty, 31 gal. capacity, galvanized steel can with lid
- Model CN/B-1827:** 36 gal. capacity, heavy-duty, rigid plastic liner
- Model CN-4132CL:** 30 gal. capacity, plastic liner with lid
- Model CNG-WHD32CL:** Federal Duty, 32 gal. capacity, galvanized steel can with lid

**SPECIFICATIONS:**

- **Model TRH-32 Series** trash receptacle holders are designed to hold most commercially available 30 to 32 gal. garbage containers.
- Model TRH-32 frames are a set of two welded rings. Top ring is constructed from 10 ga. x 2-3/8" formed steel angle rolled, flanged inward, to a 22-5/32" I.D. circular ring. Base ring is constructed from 10 ga. x 2" formed steel angle rolled, flanged outward, to a 22-7/16" I.D. circular ring, reinforced with die-formed cross braces of 10 ga. x 2" steel bar.
- All fasteners are provided for assembly.
- Assembled receptacle is a nominal 30" high.
- **Standard:** Rings are hot-dip galvanized after fabrication to ASTM-A123 to maintain an average zinc coating of 2.0 oz. per sq. ft. of surface area (indicated by "/G" in model no., e.g. TRH/G-32TP24).
- **Standard:** Lumber is nominal 2" x 4" (indicated by "24" in model no., e.g. TRH/G-32TP24) #1 grade Southern Yellow Pine pressure treated (KDAT) to preserve wood against decay.
- All lumber is precision drilled for assembly and has all exposed edges removed to a 3/8" radius.
- **Optional:** All steel frame components have powder coat finish. See Specification Bulletin #SPC-CO-001.
- **Optional:** Construction Heart Redwood and Cedar are available when in stock — please inquire.

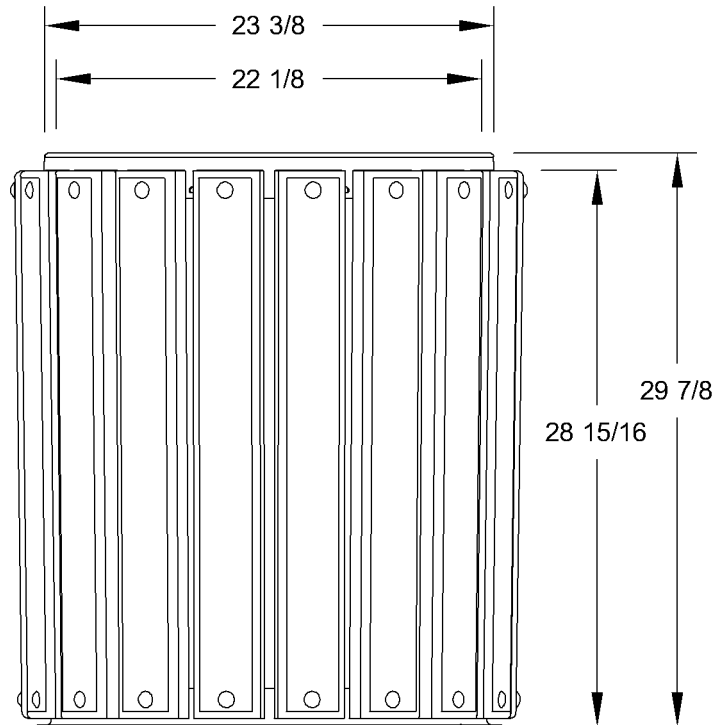
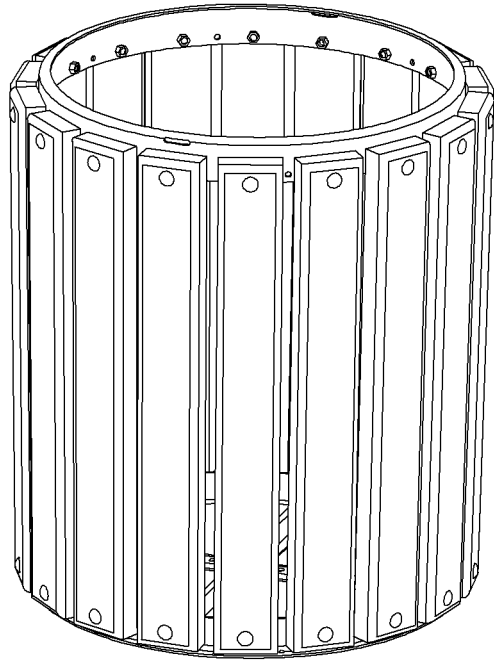
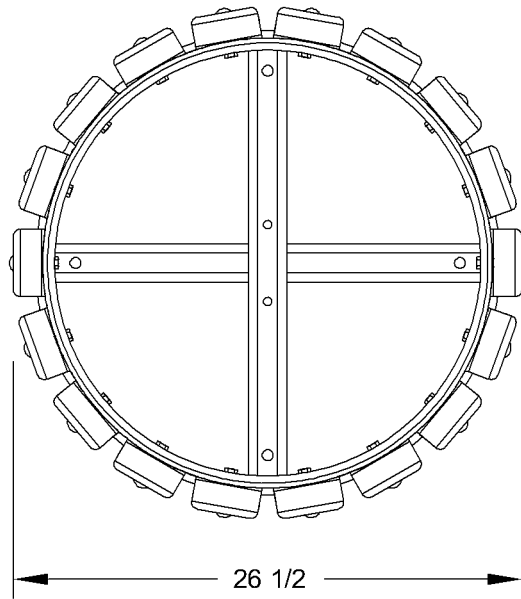
**LID OPTIONS**

- **Model CN-PD/◆-24** Pilot Rock Plastic Dome Hatch Lid
- **Model CN-PD/◆-27** Pilot Rock Plastic Dome Hatch Lid
- **Model CN-PD/◆-24PC Series** Pilot Rock Plastic Dome Recycling Lid
- **Model CN-PD/◆-27PC Series** Pilot Rock Plastic Dome Recycling Lid
- **Model CN/◆-4455** Plastic Dome Hatch Lid
- **Model CN/G-5555** Galvanized or Powder Coated Steel Dome Hatch Lid
- **Model CN-SDR-24** Plastic Dome lid.
- **Model T◆-24X** Flat Steel Lid
- **Model T◆-24** Flat Steel Lid with a spring-loaded 10" dia. Hatch
- **Model T◆-24PC Series** Flat Steel Recycling Lids with 3" dia. opening, with 4-3/8" dia. opening, or with 5-7/8" dia. opening
- **Model T/◆-2410** Flat Steel Lid with 10" opening
- **Model T/◆-2410R** Flat Steel Lid with 10" opening and rain cover
- **Model T/◆-2410A** Flat Steel Lid with 10" opening, rain cover and ashtray
- **Model T/◆-246** Recycling Lid, flat, Thermo-plastic Coated Steel with 5-3/4" dia. opening
- **Model CN/B-1825** Flat Molded Plastic Lid with 10" center opening
- **Model CN/B-55FT** Flat Molded Plastic Lid with 15" center opening
- **Model CN/B-3030** Black Molded Plastic Canopy Lid with openings at each end
- **Model CN-PR/◆-24PC Series** Recycled Plastic Flat Lids with 3" dia. opening, with 4-3/8" dia. opening or with 5-7/8" dia. opening
- ◆ Indicates choice of finish or color — Inquire for specific model options

**RJ Thomas Mfg. Co., Inc.**

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ALL DIMENSIONS IN INCHES

**RJThomas**  
**Mfg. Co., Inc.**  
 P.O. Box 946  
 Cherokee, IA 51012

TITLE TRH-32 SERIES ROUND TRASH AND RECYCLING RECEPTACLE  
 HOLDER WITH 2 X 4 INCH LUMBER SLATS

DRAWN BY **WWM**

DATE 12-10-08

DWG. NO. **AI-1701**

# Dome Trash Lids

## Round Pilot Rock Plastic Dome Lids



Round

- Self-closing, weighted hatch
- Eight Colors Available

Model No.	I.D.	O.D.	Use with these Receptacle Holders
<b>CN-PD/◆-27</b>	27-1/4"	27-3/4"	TRH-32, TRH-55 (fits on top ring), CN-R/R-52, CN-R/D-52, CN-R/R-55, CN-R/D-55
<b>CN-PD/◆-24</b>	24"	24-1/2"	TRH-32, TRH-55 (fits on barrel inside), CN-AMR-32, CN-R/R-32, CN-R/D-32, CN-R/SS2-36, CN-R/SS2-36D, CN-EXP52, CN-R/SP2-32, CN-TR-52, CN-R/SS3-36, RA's

Cedar (C)	Brown (W)	Yellow (Y)	Green (N)	Gray (A)	Black (B)	Red (R)	Blue (U)
Replace (◆) in model number with letter indicating color choice							



Square

Model No.	I.D.	O.D.	Use with these Receptacle Holders
<b>CN-PQD/◆-27</b>	27"	27-1/2"	TRQ-32
<b>CN-PQD/◆-24</b>	23-1/2"	24"	CN-AMQ-32, TRQ-32, CN-Q-36, CN-Q/SS4-36D

- Self-closing, spring loaded hatch
- Six colors available

Model No.	I.D.	O.D.	Use with these Receptacle Holders
<b>CN/◆-4455</b>	24"	24-3/4"	TRH-32, TRH-55 (fits on barrel inside), CN-AMR-32, CN-R/R-32, CN-R/D-32, CN-R/SS2-36, CN-R/SS2-36D, CN-EXP52, CN-R/SP2-32, 55 Gal. barrels, CN-TR-52, CN-R/SS3-36, RA's

Brown (W)	Gray (A)	Yellow (Y)	Black (B)	Red (R)	Blue (U)
Replace (◆) in model number with letter indicating color choice					

## Plastic Dome Lids



Arched Door

## Plastic Dome Lids



Square Door

- Self-closing hatch
- Large opening
- Eight colors available

Model No.	I.D.	O.D.	Use with these Receptacle Holders
<b>CN-SDR/◆-24</b>	24"	24-3/8"	TRH-32, TRH-55 (fits on barrel inside), CN-AMR-32, CN-TR-52, CN-R/R-32, CN-R/D-32, CN-R/SS2-36, CN-R/SS2-36D, CN-EXP52, CN-R/SP2-32, 55 Gal. barrel, CN-R/SS3-36, RA's

Cedar (C)	Brown (W)	Yellow (Y)	Green (N)	Gray (A)	Black (B)	Red (R)	Blue (U)
Replace (◆) in model number with letter indicating color choice							

## Steel Dome Lids — Galvanized or Powder Coated



- Self-closing, spring loaded hatch
- Hot dip galvanized (/G)
- Optional powder coat finish

Model No.	I.D.	O.D.	Use with these Receptacle Holders:
<b>CN/ ◆-3434</b>	21"	21-3/4"	Federal Duty 32 Gal. Galvanized Can, CNG-WHD32C
<b>CN/ ◆-5555</b>	23-3/4"	24-1/2"	TRH-32, TRH-55 (fits on barrel inside), CN-AMR-32, CN-R/R-32, CN-R/D-32, CN-R/SS2-36, CN-R/SS2-36D, CN-EXP52, CN-R/SP-32, CN-TR-52, CN-R/SS3-36, RA's, 55 Gal. barrel
<b>CN/ ◆-2755</b>	27-1/8"	27-1/4"	TRH-55, CN-R/R-52, CN-R/D-52, CN-R/R-55, CN-R/D-55
Replace (◆) in model number with (G) for galvanized or letter indicating powder coat color choice.			

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## Plastic Dome Lid for Recycling



- Dome is molded with solid “door” panel
- Two hole sizes
- Choice of eight colors
- Includes recycling decal. See below.

Model No.	Hole Dia.	I.D.	O.D.	
CN-PD/◆-27PC1	3"	27-1/4"	27-3/4"	TRH-32, TRH-55 (fits on top ring), CN-R/R-52, CN-R/D-52, CN-R/R-55, CN-R/D-55
CN-PD/◆-27PC5	4-3/8"			
CN-PD/◆-24PC1	3"	24"	24-1/2"	TRH-32, TRH-55 (fits on barrel inside), CN-AMR-32, CN-R/R-32, CN-R/D-32, CN-TR-52, CN-R/SS2-36, CN-R/SS2-36D, CN-EXP52, CN-R/SP2-32, CN-R/SS3-36, RA's
CN-PD/◆-24PC5	4-3/8"			

Cedar (C)	Brown (W)	Yellow (Y)	Green (N)	Gray (A)	Black (B)	Red (R)	Blue (U)
Replace (◆) in model number with letter indicating color choice							

## Square Face



- Dome is molded with a solid door panel
- Two hole sizes
- Choice of eight colors
- Includes recycling decal. See below.

Model No.	Hole Dia.	I.D.	O.D.	Use with these Receptacle Holders
CN-SDR/◆-24PC1	3"	24"	24-3/8"	TRH-32, TRH-55 (fits on barrel inside), CN-AMR-32, CN-R/R-32, CN-R/D-32, CN-R/SS2-36, CN-R/SS2-36D, CN-EXP52, CN-R/SP2-32, 55 Gal. barrel, CN-TR-52, CN-R/SS3-36, RA's
CN-SDR/◆-24PC5	4-3/8"			

Cedar (C)	Brown (W)	Yellow (Y)	Green (N)	Gray (A)	Black (B)	Red (R)	Blue (U)
Replace (◆) in model number with letter indicating color choice							

## Plastic Canopy Lid for Recycling



- Collect cans, bottles and paper for recycling.
- Single piece molded plastic lid is available in the popular green recycling color.
- Openings on both ends of the canopy.
- Twin vinyl trimmed openings are available in three sizes: 3" round, 4-3/8" round, and 2" x 7-1/2" slot.
- Includes two recycling decals. See below.

Model No.	I.D.	O.D.	Hole Dia.	Use with these Receptacle Holders
CN/N-3031PC1	24-1/8"	24-1/2"	3"	TRH-32, TRH-55 (fits on barrel inside receptacle), CN-AMR-32, CN-R/R-32, CN-R/D-32, CN-R/SS2-36, CN-R/SS2-36D, CN-TR-52, CN-EXP52, CN-R/SP2-32, 55 Gal. barrel, CN-R/SS3-36, RA's
CN/N-3031PC5			4-3/8"	
CN/N-3031PS			2" x 7-1/2"	



## Recycling Decals

The plastic recycling lids shown on this page each include a “Recycle” decal. Please specify which decal you need for your collection program:

**Model DE-22** “Cans Only” (we recommend 3" dia. hole)

**Model DE-23** “Plastic Bottles Only” (we recommend 4-3/8" dia. hole)

**Model DE-24** “Cans & Bottles Only” (we recommend 4-3/8" dia. hole)

**Model DE-26** “Paper Only” (for use on CN/N-3031PS lid only)

Custom Decals are available. Same size and colors. Minimum order (15) of same design.

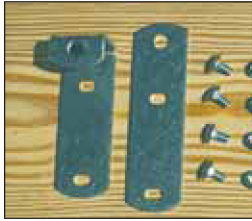
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## Hasp and Hinge Kits



**Model HHG-1:**  
Hinge/Hasp Kit to mount  
Model T lids to  
30- or 55-gallon barrels.



**Model HHG-2:**  
Hinge/Hasp Kit to  
mount Model T lids  
to top frame ring of  
all TRH and TRQ  
receptacles.

Made from galvanized steel. Zinc plated fasteners included. Optional PL-1 brass padlock through hasp prevents theft of contents and disposal of other trash. For use with all Model "T" flat steel and recycling lids.



### HHG-5 Hinge Hasp Kit

• **Model HHG-5** is a unique hinge design that allows the lid to be fully opened but it remains permanently attached to the barrel. For use with our T-Series steel lids and 30- or 55-gallon barrels.

- **Features:** Galvanized finish, includes all fasteners and barrel edge spacer.
- **Optional:** Lid, barrel and #PL-1 brass padlock.

## Recycling Decals for Lids

Self-adhesive decals, 3" x 15", green letters on white vinyl background for identification of intended use for recycling units.



**Model DE-1:** "CANS ONLY"

**Model DE-2:** "PAPER ONLY"

**Model DE-3:** "PLASTIC ONLY"

**Model DE-4:** "GLASS ONLY"

**Model DE-5:** "ALUMINUM ONLY"

**Model DE-11:** "GARBAGE ONLY"

### Custom Decals Available.

1. Same size and colors as above but with your custom message.
2. Design a custom decal specifying size, shape, color, and message.
3. A minimum order may apply.

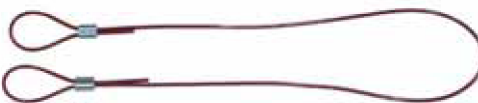
## Lid Security Kits



**CK-1 Chain Kit**  
40" x 1/8" Galvanized welded steel chain with 2 equal leg "S" hooks (Used only with WP and RPP posts)



**CK-6 Multiple Application Chain Kit,**  
24" x 1/8" Galvanized welded steel chain with 1 eyescrew, 2 equal leg "S" hooks, and 2 unequal leg "S" hooks



**CK-5 Cable Kit**  
36" of Plastic coated 1/8" steel cable with 2 aluminum crimp sleeves



**WSK-1 Web Strap Kit**  
1" x 14" of woven nylon strap with snap hook, grommet hole, 1 D-ring and 1 "S" hook

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## Trash Cans and Liners

### 1. Heavy Duty Rigid Plastic Liner:

- **Model CN/B-1827:** 36 gal., 21" OD x 28" high, black, fits TRH-32, TRQ-32, CN-OKR, CN-AMR, CN-AMQ, CN-R/SP2-32, CN-R/R-32, CN-R/D-32, CN-R/SS2-36, CN-R/SS3-36, CN-Q/D-32/2.
- **Model CN/B-1828:** 52 gal., 25" OD x 29" tall, black, fits CN-R/R-52 and CN-R/D-52.
- **Model CN/B-1829:** 55 gal., 23" OD x 35" tall, black, fits CN-R/R-55 and CN-R/D-55.



### 2. Rigid Plastic Liner:

30 gal., lighter weight plastic, color may vary, molded in handles.

**Model CN-4132C:** fits TRH-32, TRQ-32, RA arrays, CN-Q/D-32/2, CN-AMR, CN-AMQ, CN-R/R-32, CN-R/D-32, CN-R/SS2-36, CN-R/SS3-36, CN-R/SP2-32.



### 3. Federal Duty Galvanized Steel Cans/Lids:

Fabricated from heavy gauge steel and galvanized (ASTM A123 or A653) to Fed. Spec. NSN:7240-00-160-0440 and 0441. Two sizes available:

**Model CNG-WHD24CL:** 24 gal., 23 ga. steel can and cover; 18 lbs, 19-1/2" OD x 23-1/2" tall (without lid).

**Model CNG-WHD32CL:** 32 gal., 23 ga. steel can and cover, 22 lbs, 21-1/4" OD x 26-1/4" tall (without lid).



### 4. Regular Duty Galvanized Steel Cans/Lids:

Fabricated from lighter weight galvanized sheet steel. More economical. Two sizes available:

**Model CNG-WCD20CL:** 20 gal., 27 ga. steel can and cover, 9 lbs, 17-1/2" OD x 23" tall (without lid).

**Model CNG-2310CL:** 32 gal., 27 ga. steel can and cover, 12 lbs, 20-1/2" OD x 27" tall (without lid).



### 5. 55 Gallon Barrels: (not shown)

**Model CN/CB-55GB:** 55 gal. Steel barrel, powder coated black. Fits TRH-55 receptacles. Available when in stock.

**Model CN-55PB:** 55 gal. Plastic barrel. Color may vary. Fits TRH-55 receptacles. Available when in stock.

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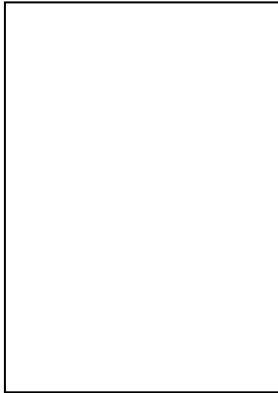
**BILLING SUMMARY****Date:** May 15, 2018**Case #:** ENG2017-01616**Project Name:** BARBER PARK SOCCER FIELDS**Case Address:** 4502 DIXIE BELLE DR**Project #:****Master #:****Description:** 4490 DIXIE BELLE DR - The development includes (3) soccer fields, (1) paved parking lot, entrance driveway, and sidewalks.

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<b>Fees</b>	
<b>Type</b>	<b>Amount Due</b>
ENG Plan Revision Fee--Commercial	\$250.00
ENG Plan Revision Fee--Commercial	\$250.00
ENG Private Site Improvement	\$11,963.76
<b>Total Fees</b>	<b>\$12,463.76</b>

*Thank you for doing business with the City of Orlando.*

SECTION 3900 – EXPOSE AGGREGATE POOL FINISH



**DIAMOND BRITE**  
 Exposed Aggregate Pool Finish

(Or Approved Equal)

**TECHNICAL DATA**

APPLICABLE STANDARDS  
 ASTM International (ASTM)  
 ANSI American National Standard Institute (ANSI)

ASTM E903 standard test method for total solar reflectance (TSR).  
 This includes ultraviolet, visible and infrared spectrum from 200 nanometers to 2500 nanometers. Readings will vary based upon atmospheric conditions.

Total Solar Reflectance (TSR).

Diamond Brite Color	Reading as a %
Pearl	64.1
Oyster Quartz	67.4
Marlin Blue	63.7
Classic	65.3
Midnight Blue	34.1
French Gray	40.3
Tahoe Blue	54.5
Onyx	12.2
Super Blue	61.0
Cool Blue	63.9
Verde	51.7
Blue Quartz	67.4
Mohave Beige	49.9
Ivory	71.3
Aqua Blue	65.6
Aqua Quartz	64.4
Blue	62.6
Premium Quartz	
Commercial White	74.3

ASTM C 109 standard test method for compressive strength (psi) of hydraulic cement mortars.

Diamond Brite	Reading as psi.
24 hours	2950
7 days	5750
14 days	5970
28 days	6640

ANSI 118.7 standard test method for flexural strength (psi) modified.

Diamond Brite	Reading as psi.
28 days	720

Standard test method for linear shrinkage (%)

Diamond Brite	Reading as %
Dry Finish (smooth trowel)	0.73
Dry Finish (exposed)	0.86

Standard test method for tensile adhesion to concrete [N/mm<sup>2</sup>]

Diamond Brite	Reading as [N/mm <sup>2</sup> ]
NaCL 60° C Cycle	1.40
28 day	0.80

ASTM C 1028 standard test method for slip resistance.

Diamond Brite	Reading as psi
1 day	0.027
7 days	0.091

Our material is tested and certified by independent laboratories. All data is given in good faith, however, we reserve the right to change products and specifications without notice. SGM advises interested parties to satisfy themselves as to the accuracy of any data and seek certification if appropriate.

END OF SECTION 3900