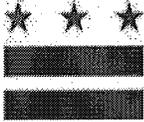


**Attachment A2**

**Rose Park**

**Concept Design, Narrative Scope of Work, Aerial Site Image,  
Play Equipment Requirements & DPR Site Amenity Standards**



GOVERNMENT OF THE DISTRICT OF COLUMBIA  
DEPARTMENT OF GENERAL SERVICES

STATEMENT OF WORK FOR  
ROSE PARK PLAYGROUND IMPROVEMENTS AT  
LOCATED AT 2609 DUMBARTON STREET, NW

**1. DESCRIPTION OF PROJECT**

The District of Columbia Department of General Services ("Office" or "DGS") seeks a Design-Build Contractor ("Contractor") for implementing a new playground and other site improvements at Rose Park Playground (the "site") as based upon the concept documents produced by the Trust for Public Land.

The goal of this project is to expand recreational offerings for the community, as well as to improve the visual appearance of the site, thereby enhancing the overall usability and community interaction with the park. DGS will issue a design-build contract for the proposed scope of work.

Over the last few weeks, DGS and DPR vetted design options with the community for the site. The rendered site plan shown in the attached exhibit synthesizes the ideas and desires expressed by the community, and it is this design that DGS seeks to develop into a newly renovated playground.

**2. LOCATION**

Rose Park Playground is located on 2609 Dumbarton Street, NW, Washington, DC (Attachment A).

**3. SCOPE OF WORK**

The Department of General Services ("Office" or "DGS") plans to deliver this project through a design-build delivery method. A narrative for the scope of work is listed in the sections below. If deviations or conflicts arise from what is referenced in the program requirements/scope of work and field conditions, the Design-Builder shall submit a request for clarification.

Please find enclosed a concept design drawing (Attachment B) for the playground. The Design-Builder should include an allowance of \$250,000 for the playground equipment and Musical Instruments **ONLY**. Freight and installation costs are the responsibility of the Design-Builder and should be accounted for in their project costs and are not part of the allowance. This allowance will be verified by Owner at the end of the project and any monies not used towards the playground equipment will be put towards the project.

DGS requires the Design-Builder to hire a Landscape Architect and all required design partners to further develop the concept design drawings for DGS approval. In addition, DGS requires the Design-Builder to retain services of a certified Arborist for the project. During the Construction Phase, the Design-Builder will implement the approved drawings, providing all labor, materials, equipment, supervision and other services as may be necessary to accomplish this task. All amenities and access to all amenities must meet or exceed all ADA accessibility standards, specifically the entrances to the playground areas.

#### **4. DESCRIPTION OF WORK**

The Design-Builder shall provide all necessary services including: supervision, labor, equipment and materials as required to achieve the work as described in the document and the drawings.

##### **A. Geotechnical Study**

Design-Builder shall conduct a geotechnical study to determine soil and subsurface engineering properties and suitability for the proposed design and to make appropriate recommendations to DGS. Design-Builder shall present all findings in a report to DGS within thirty (30) days of Notice to Proceed.

##### **B. Site Survey**

The Design-Builder shall conduct site surveys of the site as required to successfully construct the park. The Design-Builder shall be responsible for the collection, assessment and verification of existing conditions. Owner will provide boundary and topographical survey information to the Design-Builder.

##### **C. Site Work**

###### **1. Erosion and Sediment Control**

Furnish and install sediment and erosion control measures inclusive of but not limited to silt fencing and stabilized construction entrances for the project area as required by DDOE regulations. Contractor shall be responsible for the maintenance of the erosion control measures during the entire construction period.

###### **2. Stormwater Management**

The Design-Builder shall furnish and install adequate stormwater management for the site as per the most current DDOE regulations.

###### **3. Concrete ADA Ramp**

The Design-Builder shall furnish and install a concrete ADA ramp from existing basketball court to the existing recreation center. The ramp shall be reflective of the architecture and materials as found in the park and overall Georgetown area.

###### **4. Pathways, Walkways**

Furnish and install new permeable brick paving in the following locations as depicted in the conceptual plan:

- At entry plaza and around the basketball court (Item #1)
- Around the existing recreation center (Item #1)

Note that all new brick pavers must match existing pavers on site.

###### **5. Asphalt and Striping at existing practice area**

Furnish and install a new asphalt and striping at existing practice area (Item#6), as shown in the conceptual site plan. The new tennis courts should be painted and stripped with an acrylic coated surface. Color to be chosen by DGS from a set of standard colors. The Design-Builder also shall furnish and install new tennis backboard and benches (Item #10 and 11), as shown conceptual plan.

##### **D. Play Ground Equipment, Musical Instruments and Safety Surfacing**

The Design-Builder shall furnish and install the following playground equipment, musical instruments and safety surfacing as per the conceptual plan and approved by DGS:

- Dismantle and remove existing play equipment, foundations and benches.

- Furnish and install new playground equipment for 2-5 year old and 2-12 year old as per the conceptual drawing utilizing the \$250,000 allowance for playground equipment and musical instruments **ONLY**. Freight and installation costs are the responsibility of the Design-Builder and should be accounted for in their project costs and are not part of the allowance. This allowance will be verified by Owner at the end of the project and any monies not used towards the playground equipment will be put towards the project.
- Furnish and install a sandbox and sand table as per the conceptual plan. The sand box and sand table should have an adequate border to retain the sand and not allow it to migrate or travel to the walking track or playground area.
- Furnish and install a low concrete seat wall flush with engineering wood fiber surfacing to contain the sand as shown in the playground concept plan. The top of the sand should be 8-12" below the top of wall. Various sizes landscape boulders should also be installed as indicated in the playground concept plan as a natural border and seating option.
- Furnish and install a six (6) bay swing set with two (2) ADA swings, two (2) tot lot swings, and two (2) belt swings in the tot lot playground area.
- Furnish and install playground for 2-12 yrs. old playground, as shown in the conceptual drawings.
- Furnish and install engineered wood fiber safety surfacing in the playground areas as shown on the conceptual plan, including any mats under high traffic areas. Surfacing should be contiguous between the play equipment. The Design-Builder must install adequate drainage under the playground areas as to not create a ponding effect in the playground, sand box and surrounding areas. The Design-Builder furnish and install an adequate border to contain the safety surfacing and provide appropriate surfacing for ADA access.
- Furnish and install the following selected musical instruments; Merry and the Saturns Chimes from "Freenotes Harmony Park". Installation instructions are included as Attachment G. Location of musical instruments will be determined by DPR.

#### **E. Fencing and Gates**

- The Design-Builder shall furnish and install four (4') high, ornamental fencing, enclosing the tot- lot playground as shown on the conceptual plans. Furnish and install two (2) four (4') wide ornamental fencing gate openings along the fence line as shown on the conceptual plan.
- The Design-Builder shall furnish and install four (4') high, ornamental fencing, at two (2) sides of the 2-12 yrs. old playground as shown on the conceptual plans.

#### **F. Site Lighting**

The Design-Builder shall furnish and install adequate LED safety lighting throughout the park and playground area and along the walking path. A photometric study of the park shall be completed and submitted to the Project Manager.

#### **G. Site Furnishings**

The Design-Builder shall furnish and install the following site furnishings as per the DPR standards or Victor Stanley equivalent (Attachment C). Locations of furnishings shall mimic the conceptual plan and/or be determined by DPR:

- Furnish and install seven (7) seating benches with middle armrest, as per DPR standards or Victor Stanley equivalent.

- Furnish and install (6) six black trash receptacles with self-closing dome lid and three (3) blue recycle receptacles as per DPR standards or Victor Stanley equivalent.
- Furnish and install two (2) drinking fountains (ADA and freeze proof) as per DPR standards.
- Furnish and install two (2) bike racks as per DPR standards or Victor Stanley equivalent.
- Furnish and install two (2) picnic tables as per DPR standards or Victor Stanley equivalent. One table shall be ADA accessible.
- Furnish and install two (2) game tables as per DPR standards or Victor Stanley equivalent.

#### H. Park Signage

The Design-Builder shall furnish and install the following signage as per the signage standards provided by DPR (Attachment D). Locations of signage to be determined by DPR.

- (2) - Playground Signs, 2- 5 years old, Fence Mounted
- (2) - Playground Signs, 2-12 years old, Fence Mounted
- (2) – Playground Sign, All Playground Rules, Fence Mounted
- (2) – No Smoking Sign, Fence Mounted
- (1) – Park Identification Sign, Post Mounted
- (1) – Message Board
- (2) – Park Guidelines Signs, Post Mounted
- (2) – Park Closes at Dark Signs

The Design-Builder shall carry an allowance of \$5,000 for interpretative sign, to be determined by DPR.

#### I. Landscape Features

The Design-Builder shall furnish and install a grove of ornamental flowering trees along the permeable pathway across the playground, around the recreation center, in planting areas, along 27<sup>th</sup> street, along rock creek trail, around the two playgrounds, as depicted in the concept drawing. In addition, the Design-Builder shall furnish and install a plantation of a different species adapted to survive in the rain garden area as depicted in the conceptual drawing. The Design-Builder shall furnish and install sod, trees, planting and flower beds in areas as depicted in the conceptual drawing.

#### J. Construction Add Alternates

**Add Alternate #1:** The Design-Builder shall furnish and install the following listed fitness equipment. Location of fitness equipment will be determined by DPR. Fitness equipment shall be imbedded on concrete pads. Fitness equipment should be the following:

- a. Healthbeat Cardio Stepper by Landscape Structures, Design No. 2272
- b. Healthbeat Balance Steps by Landscape Structures, Design No. 2271
- c. Healthbeat Assisted Row/Push-Up by Landscape Structures, Design No. 2275
- d. Healthbeat Ab Crunch/Leg Lift by Landscape Structures, Design No. 2274
- e. Healthbeat Chest/Back Press by Landscape Structures, Design No. 2276

**Add Alternate #2:** In the playground area where the sand box is located at the Design-Builder should furnish and install for a segmented block retaining wall system to contain the sand instead of concrete wall and landscape boulders.

**Add Alternate #3:** Design Builder to conduct a Phase I archeological survey of the site in accordance with the District of Columbia State Historic Preservation Officer's (DC SHPO)

standards and guidelines for archaeological survey. Locations of archaeological investigations shall be verified and coordinated with the DC office of Historic preservation and DPR. If any of the proposed renovations need excavations more than three (3') feet below the current ground surface (drain, foundations, footings, etc...), geoarch may be required in those spots or at spots along the lines to determine if the proposed work will be deep enough to penetrate into the original ground surface. A mechanical coring rig may be needed for the geoarch because the depth and density of the fill may preclude manual testing.

## **5. EXECUTION**

The Design-Builder shall provide all necessary services, labor, equipment and materials as required achieving the work as described in this document.

### **A. Meetings**

The Design-Builder, Project Manager and the Department of Recreation representative shall meet as necessary to review the Design-Builder's work. In addition the contractor shall meet up to three (3) times with the community to discuss the construction project. Upon the commencement of construction, the Design Builder will meet with DPR and DGS Project Manager onsite once a week for project update walk-throughs. The Design-Builder shall provide the Project Manager meeting minutes of this weekly on-site construction meeting.

### **B. Collection Assessment and Verification of Existing Conditions**

The Design-Builder shall be responsible for the collection assessment and verification of existing conditions.

### **C. Coordination**

Coordination of the work is the responsibility of Design-Builder. Coordinating with all agencies and utility providers, including Miss Utility (800) 257-7777 at least two business days prior to digging.

### **D. Site Cleanliness**

During the contract and/or as directed by the Project Manager, as the installation is completed, Design-Builder shall ensure that the site is clear of all extraneous materials, rubbish or debris.

### **E. Site Security**

Design-Builder shall secure the project work area by a minimum 6'-0" chain link fence. Design-Builder shall ensure site is locked during non-work hours and absences from the site during working hours.

### **F. Protection of Existing Elements**

Design-Builder shall protect all existing features, public utilities and other existing structures during construction. Design-Builder shall protect existing trees and shrubs from damage during construction. Protection shall extend to the root systems of existing vegetation. Design-Builder shall not store materials or equipment, or drive machinery, within drip line of existing trees and shrubs. No vehicles are allowed on the site at any time.

### **G. Tree protection**

Install construction fencing to protect all existing trees during construction (see Attachment E). Carefully remove sections of asphalt or surfacing surrounding trees located in the

playground under a supervision of an Arborist. Air-spade/aerate and inject growth inhibitors into the root structure to prevent damage to new asphalt surfaces/play area. Place a layer of top-soil above the roots and mulch on top.

#### **H. Damage by Contractor**

Contractor is responsible for the replacement, repair or patch of any exiting surfaces or materials damaged during construction by own or subcontractors crews.

#### **I. Permits**

The Design-Builder shall obtain ALL permits necessary to construct the playground, including, but not limited to CFA, ANC, DDOE and all trade permits. The Design Builder is required to present project updates at least two (2) times at Old Georgetown Board meeting as well as satisfy submission requirements for Old Georgetown Act Permit Review, which can be found at: <http://www.cfa.gov/georgetown/permit.html>. Additional information about the Old Georgetown Act can be found at: <http://www.cfa.gov/georgetown/index.html>. It is imperative that the contractor adhere to the Old Georgetown Act requirements. The Design-Builder will be reimbursed for the cost of the building permit only.

#### **J. Submittals**

Design-Builder shall submit to the Project Manager for review and approval all shop drawings, material data and samples provided by Design-Builder, vendors and/or manufacturers. The Design-Builder shall submit a submittal log to the Project Manager within five (5) business days of the Notice to Proceed. The Project Manager shall review and approve or reject submittals within five (5) business days of receipt from the Design-Builder.

#### **K. Construction Schedule**

Design-Builder shall submit to the Project Manager for review and approval a construction schedule within ten (10) business days of Notice to Proceed.

#### **L. Construction**

Design-Builder shall provide all labor, equipment and materials as required to construct the park, including but not limited to:

- Layout and staking;
- Erosion and sediment control;
- Site clearing (e.g., demolition, clearing and grubbing as necessary, topsoil stripping and stockpiling as necessary);
- Earthwork (e.g., cut, fill, trenching, rough grading, finish grading);
- Utility installation, including electric, water, and storm-water management required by the District Department of the Environment;
- Paving and/or surfacing;
- Furnishings and installation (e.g., benches, fences and gates, litter receptacles)

#### **M. Testing and Inspections**

The Design-Builder is required to provide all testing and inspections on items installed per the construction drawings for the Owner to verify conformance. The Design-Builder shall provide results to the Project Manager for review. Any materials or work installed and found to be inferior, subpar, and/or deficient shall be replaced by the Design-Builder at their cost.

#### **N. Walk-Through Inspection**

At the achievement of Substantial Completion, the Project Manager shall perform a walk-through inspection in the presence of the Design-Builder. The Design-Builder shall prepare a written report stating any deficiencies found during the walk through, identify the responsible parties, and ensure that all the deficiencies are corrected by the Design-Builder prior to demobilization. The Design-Builder shall not demobilize from the site until receiving written notice, in writing, from the Project Manager the deficiencies have been corrected to the Project Manager's satisfaction.

#### **O. As-Built Drawings, Operation & Maintenance & Warranty Information**

The Design-Builder shall prepare one (1) full size, two (2) half size and four (4) electronic copies "As-Built" plans of the site, including all the modifications performed during construction, and submit to the Project Manager within thirty (30) days after reaching Substantial Completion. The Design-Builder shall also submit O&M's and Warranty information on all installed products, materials and workmanship within thirty (30) days after reaching Substantial Completion. The Design-Builder shall submit four (4) hard copies and four (4) electronic copies of each: Operation & Maintenance Manuals and Warranty Information to the Project Manager.

### **6. PERIOD OF PERFORMANCE**

The Design-Builder shall have until **August 15, 2014** from issuance of Notice to Proceed to reach Substantial Completion, exclusive of holidays, as issued by the Office of Contracting and Procurement.

### **ATTACHMENTS**

The following documents are hereby attached/ incorporated into this Statement of Work:

- Attachment A - Site Plan
- Attachment B - Conceptual Plan
- Attachment C - DPR Standard Site Furnishings
- Attachment D - DPR Standard Signage
- Attachment E - DPR Standard Tree Protection
- Attachment F - Playground Conceptual Plan
- Attachment G - Musical Instruments Installation Instructions



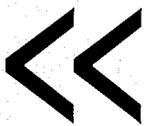
# Rose Park

*Along Rock Creek south of P St. NW*



0 50 100 200

1 inch equals 200 feet



- DPR Facility
- Public School
- DC Park boundary
- Ward boundary
- Project Boundary

Map: ORTHO\_Rose Park

Date: Jan 26, 2007

Scale: 1:2,400

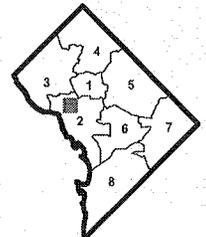
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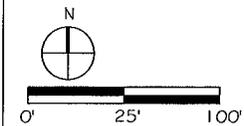
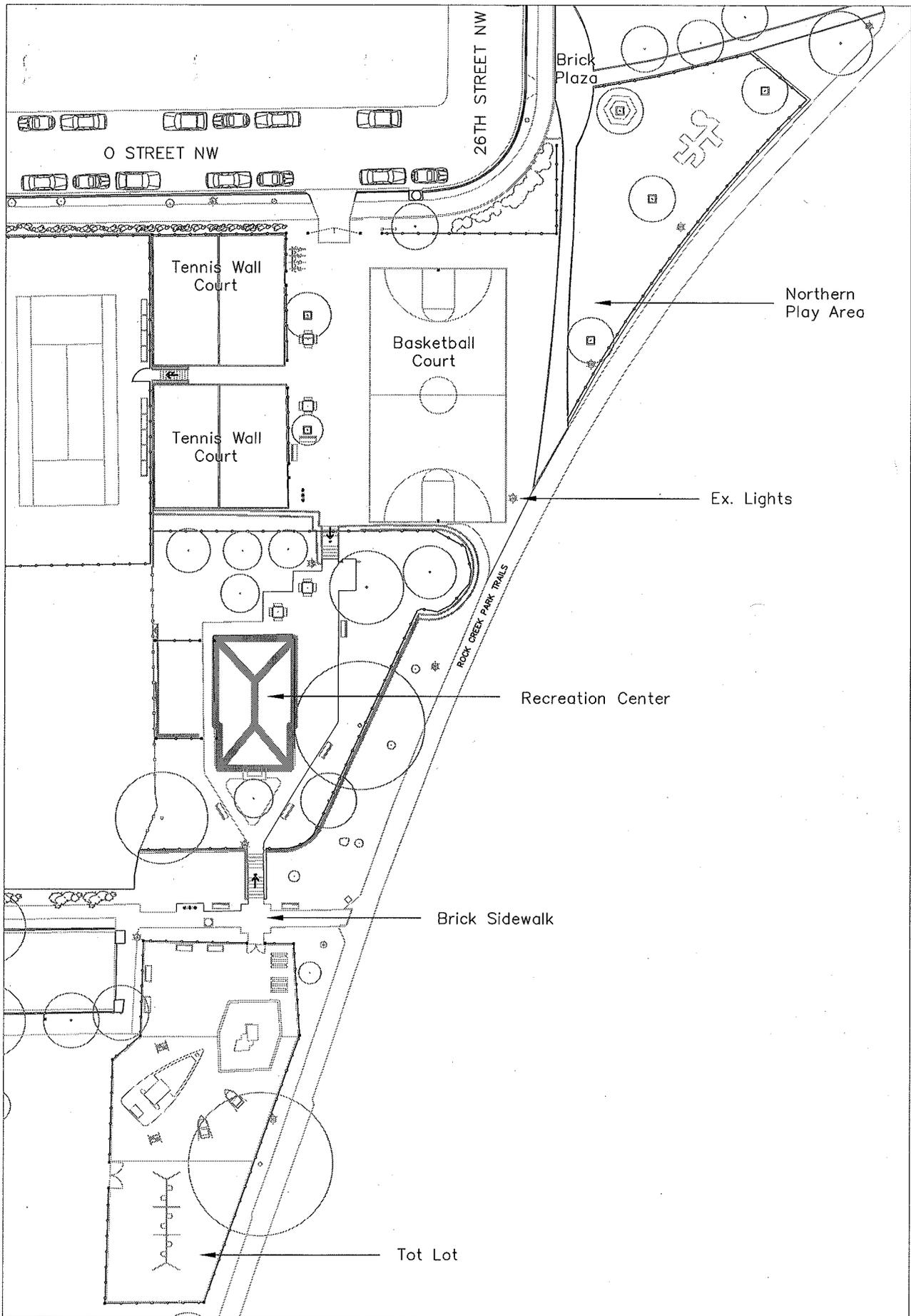
Photo Imagery: 2005 Earthdata

Coordinate System: NAD 1983 StatePlane MD

Prepared by: DC Dept of Parks and Recreation/fob

Information on this map is for illustration only. The user acknowledges and agrees that the use of this information is at the sole risk of the user. No endorsement, liability, or responsibility for information or opinions expressed are assumed or accepted by any agency of the District of Columbia Government.





# Rose Park Existing Conditions

DPR  
1250 U Street, NW  
Washington, DC 20009  
October 25, 2013

# Rose Park Conceptual Plan

## October 24, 2013



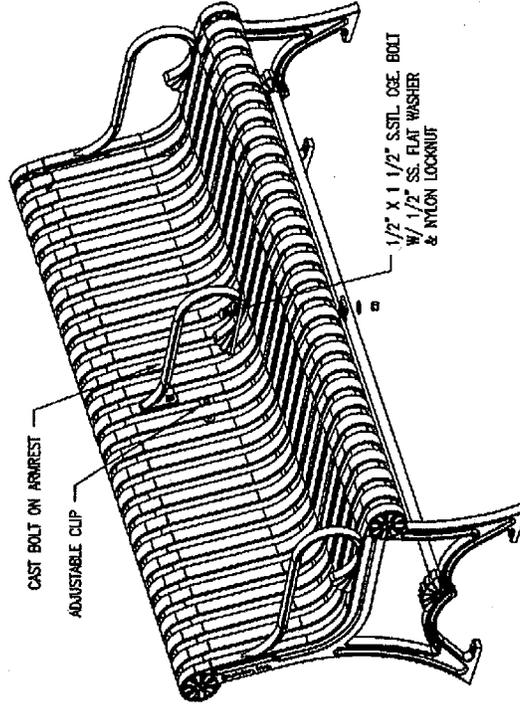
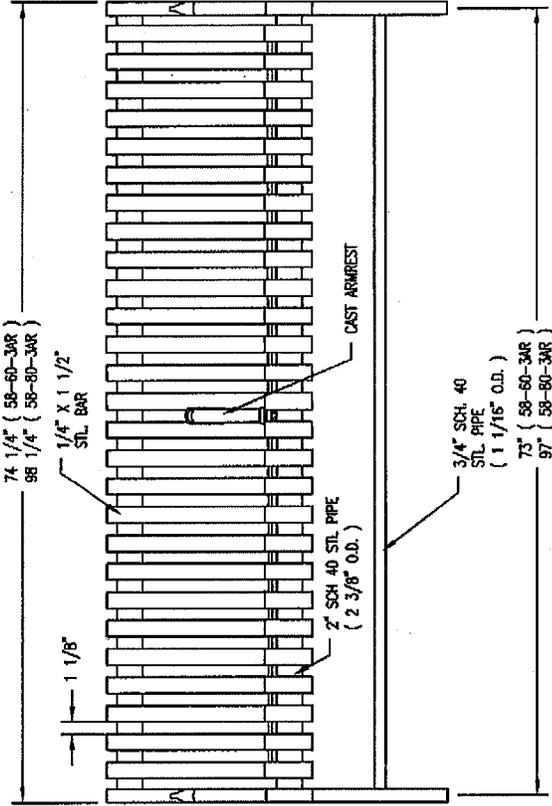
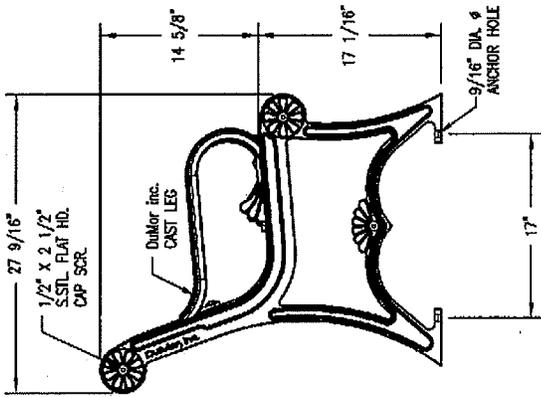
### ATTACHMENT B



#### KEY:

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>1. New Permeable Brick Paving (brick to match existing)</li> <li>2. New Bike Rack</li> <li>3. New Game Tables</li> <li>4. New Water Fountain Location</li> <li>5. New ADA Ramp to Recreation Center (Concrete)</li> <li>6. New Asphalt &amp; Stripping (Existing Practice Area)</li> <li>7. Existing Tennis Court</li> <li>8. Existing Basketball Court</li> </ul> | <ul style="list-style-type: none"> <li>9. New Permeable Brick Paving (extend existing paving to NPS Path)</li> <li>10. New Tennis Backboard</li> <li>11. New Benches</li> <li>12. Existing Recreation Center</li> <li>13. New Permeable Brick Paving w/ New Tree</li> </ul> |
|---|---|

# ATTACHMENT C



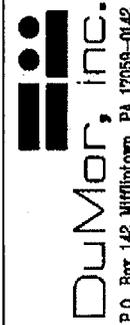
LENGTH OPTIONS

- 6' BENCH
- 8' BENCH

NOTES

- 1.) ALL STL. MEMBERS COATED W/ ZINC RICH EPOXY THEN FINISHED W/ POLYESTER POWDER COATING.
- 2.) 1/2" X 3 3/4" EXPANSION ANCHOR BOLTS PROVIDED.
- 3.) CUSTOM LETTERING AVAILABLE FOR RECESSED SIDE PANELS ( TOTAL OF 37 SPACES )

CUSTOM LETTERING ( 37 SPACES )



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DRAWN BY : AWH

DATE REV. : 11/21/99

REV. BY : JSB

TITLE

BENCH

REVISION

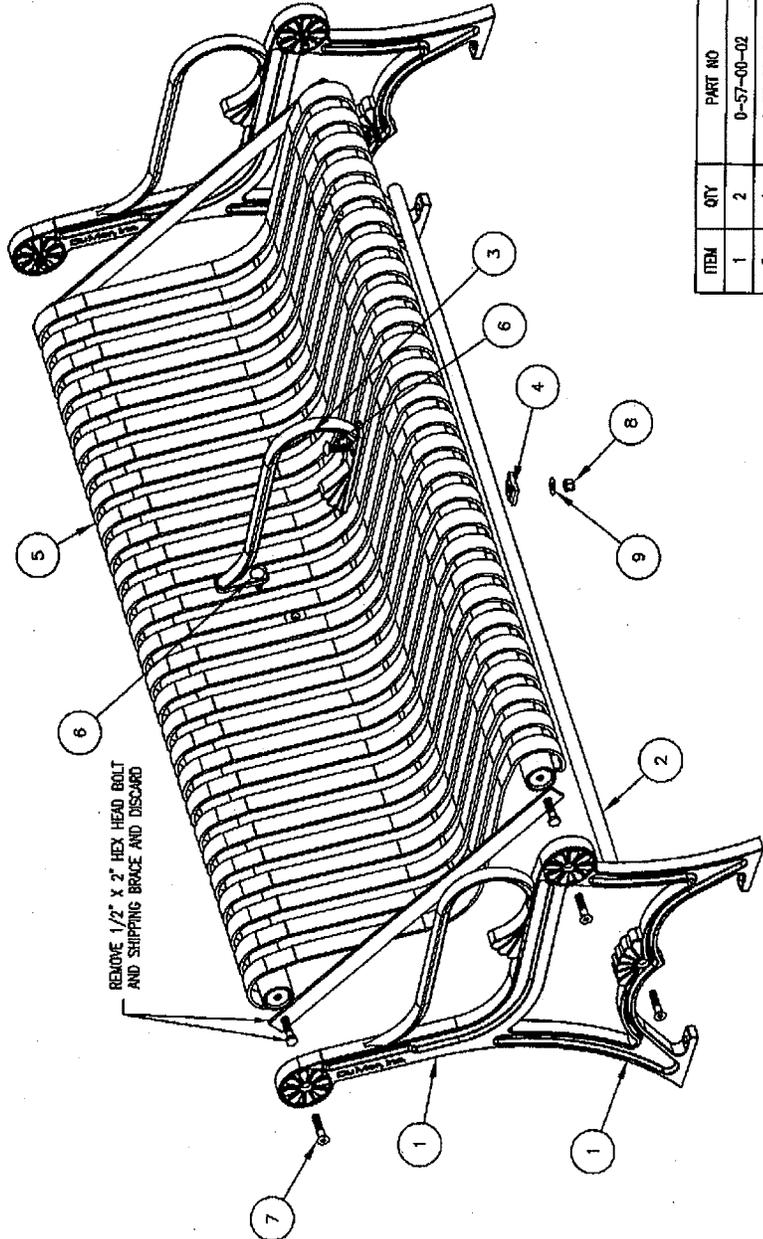
D

DRAWING NUMBER

58 SER-3AR SH1

**NOTES:**

- 1.) DURING ASSEMBLY DO NOT COMPLETELY TIGHTEN HARDWARE.
- 2.) THE ACTUAL PARTS WILL NOT BE NUMBERED, NUMBERS ONLY APPLY TO DRAWING.
- 3.) UPON COMPLETION OF BENCH ASSEMBLY, SQUARE ALL COMPONENTS THEN TIGHTEN ALL HARDWARE.



**KITS REQUIRED**

ITEM	QTY	PART NO	DESCRIPTION
10	1	K-ANCHOR-4	1/2" X 3 3/4" SS ANCHOR KIT (4PC)
11	1	K-C60824-2L	1/2" OBE BOLT HARDWARE KIT (2PC)
12	1	K-FC0840-6	1/2" CAP HARDWARE KIT (6PC)

TOOLS REQ'D  
 3/4" WRENCH  
 5/16" ALLEN WRENCH  
 DRILL & 1/2" MASONRY DRILL BIT

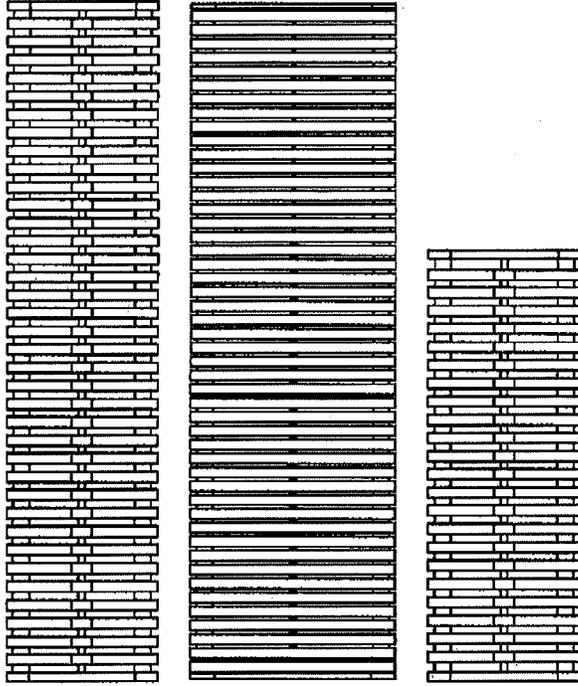
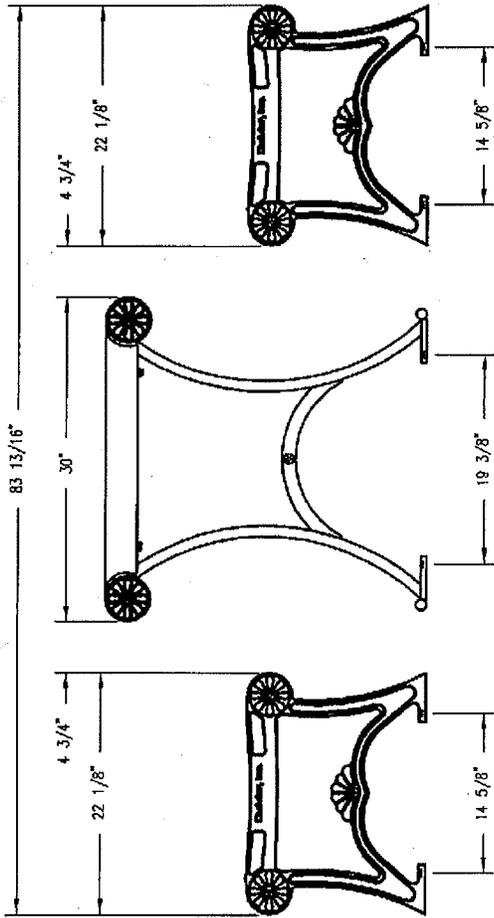
**DuMor, inc.**  
 P.O. Box 142 Mifflintown, PA 17059-0142

ITEM	QTY	PART NO	DESCRIPTION
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2	1	0-57-60-04	71 3/4" PIPE BRACE
3	1	0-58-00AR-03	CAST IRON BOLT ON ARMREST
4	2	0-58-00AR-04	ARMREST BOLT CUP MACHINED
5	1	0-58-60-01	6" STL SEAT
6	2	1-11-042	1/2" X 1 1/2" SS OBE BOLT
7	6	1-12-065	1/2" X 2 1/2" FLT SKT HD CAP SCR
8	2	1-20-015	1/2" SS NYLON LOCKNUT
9	2	1-22-015	1/2" SS FLAT WASHER

DATE DRAWN : 11/21/99  
 DRAWN BY : JSB  
 DATE REV. :  
 REV. BY :

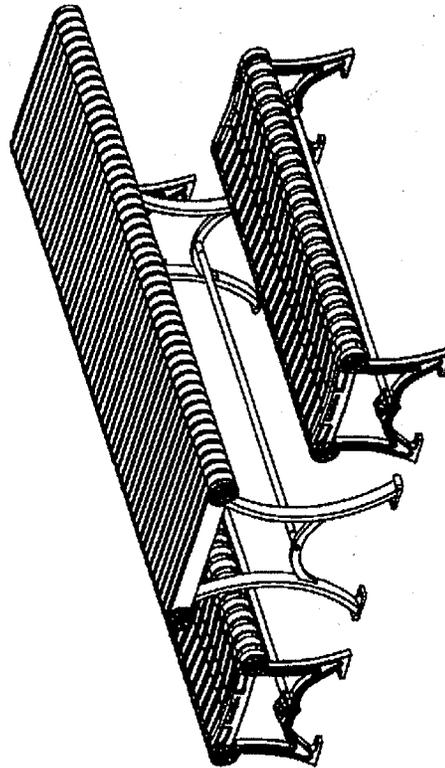
TITLE  
**INSTALLATION**

REVISION **A** DRAWING NUMBER **58 SER-3AR SH2**



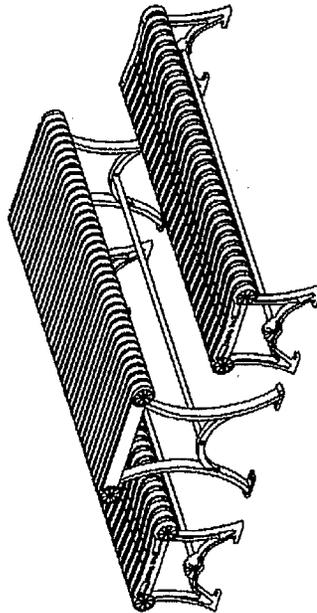
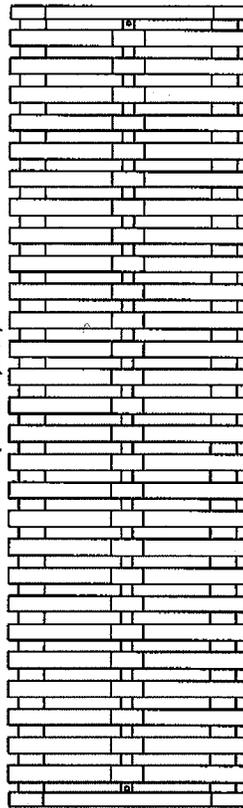
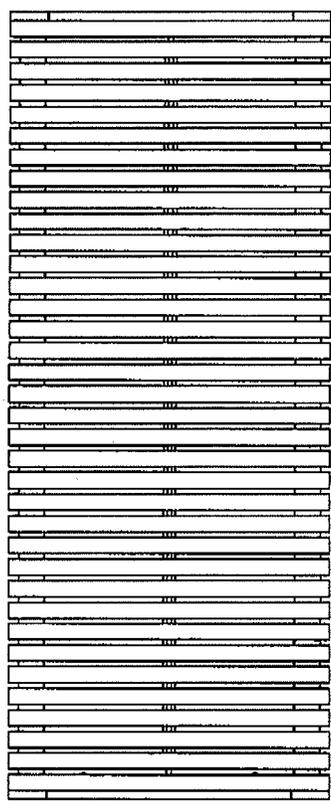
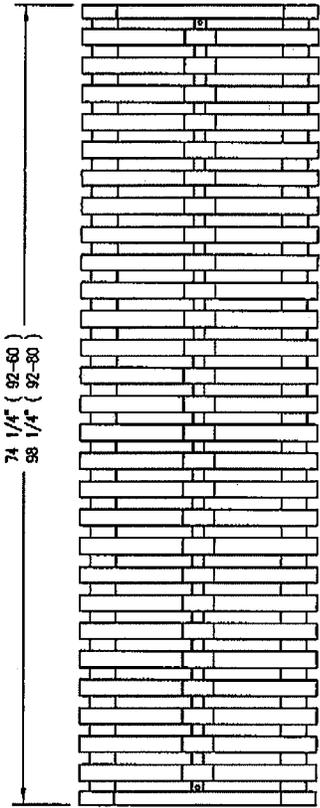
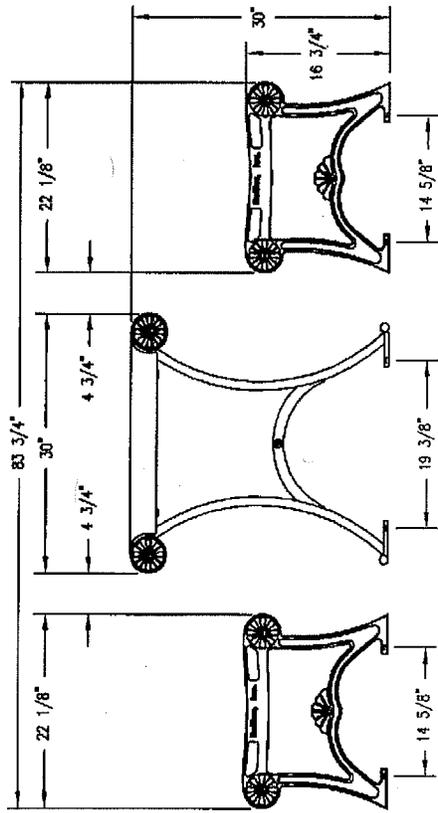
NOTE:  
 FOR MATERIAL AND HARDWARE SPECIFICATIONS SEE DRAWING  
 92-50 & 92-80 FOR BENCHES AND 62-861-68-1/S-2 FOR TABLE.

- NOTES:
- 1.) ALL STL MEMBERS COATED W/ ZINC RICH EPOXY THEN FINISHED W/ POLYESTER POWDER COATING.
  - 2.) 1/2" X 3 3/4" EXPANSION ANCHOR BOLTS PROVIDED



  
**DuMor, inc.**  
 P.O. Box 142 Mifflintown, PA 17059-0142

DATE DRAWN : 10/20/11	TITLE
DRAWN BY : RDH	TABLE & BENCH
DATE REV. :	REVISION A
REV. BY :	DRAWING NUMBER 62-861-68-1/92-51

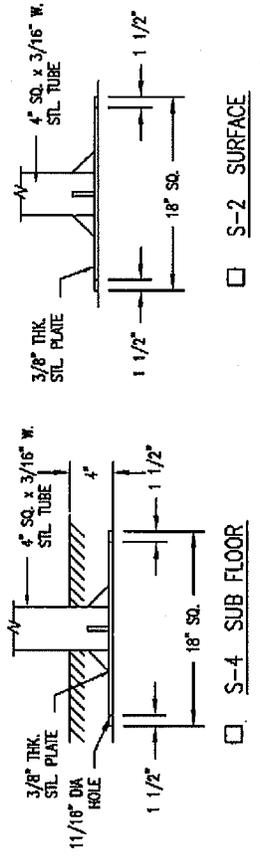
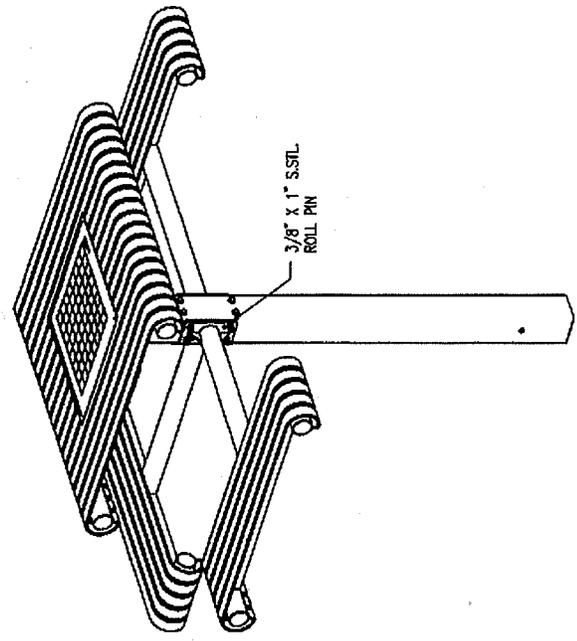
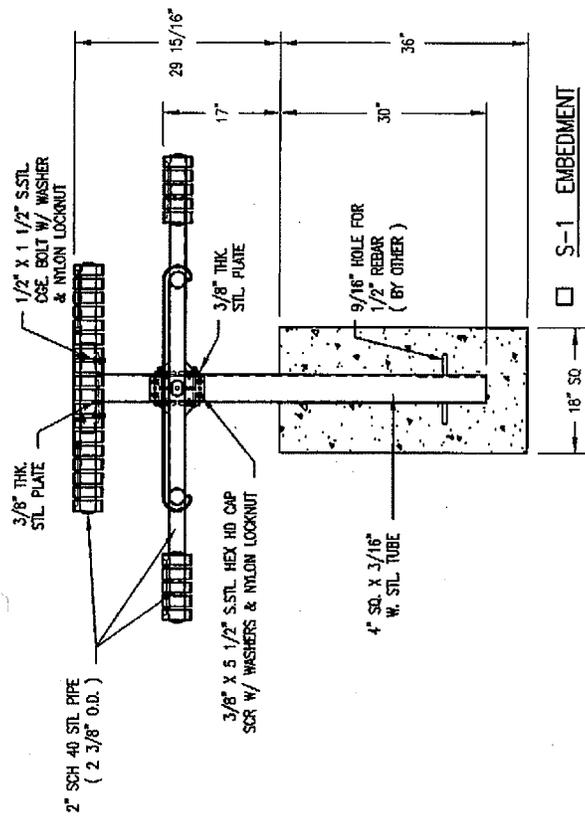
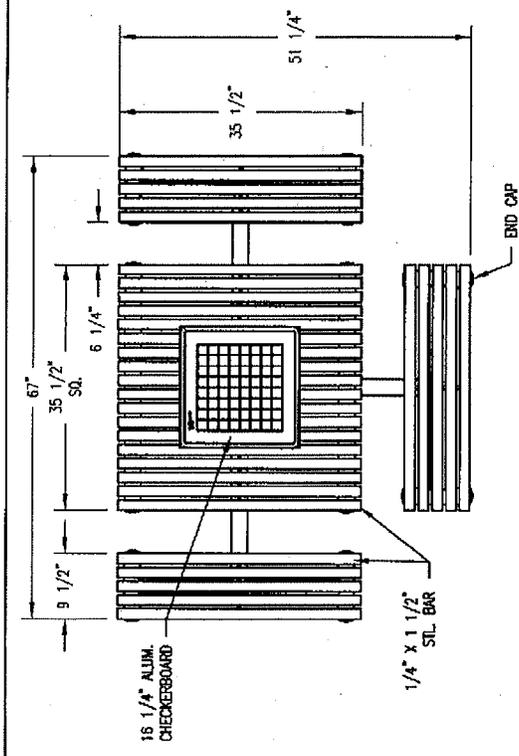


NOTE:  
FOR MATERIAL AND HARDWARE SPECIFICATIONS SEE DRAWING  
92 SERIES FOR BENCH AND 62-861/S-2 FOR TABLE.

**DuMor, inc.**  
P.O. Box 142 Mefflinton, PA 17058-0142

DATE DRAWN : 5/31/06  
DRAWN BY : AMH  
DATE REV. :  
REV. BY :

DATE : 5/31/06  
TITLE : TABLE  
REVISION : A  
DRAWING NUMBER : 62-861/92 SERIES



**NOTES**

- 1.) ALL STL. MEMBERS COATED W/ ZINC RICH EPOXY THEN FINISHED W/ POLYESTER POWDER COATING.
- 2.) 1/2" x 3 3/4" EXPANSION ANCHOR BOLTS PROVIDED FOR S-2, S-4 OPTIONS.
- 3.) FIELD DRILLING REQ'D FOR ROLL PINS, UPON COMPLETION OF TABLE ASSEMBLY.

**DuMor, inc.**  
 P.O. Box 142 Mifflintown, PA 17059-0142

DATE DRAWN : 08/05/11 TITLE

DRAWN BY : ESS

DATE REV. : 04/18/12

REV. BY : ESS

**TABLE**

REVISION B

DRAWING NUMBER 68-175-3 SH1

**NOTE:**

- 1.) DURING ASSEMBLY PROCEDURE, DO NOT COMPLETELY TIGHTEN HARDWARE.
- 2.) THE ACTUAL PARTS WILL NOT BE NUMBERED: NUMBERS ONLY APPLY TO DRAWING.
- 3.) SEE SPEC. SHEET 1 FOR MOUNTING OPTION.

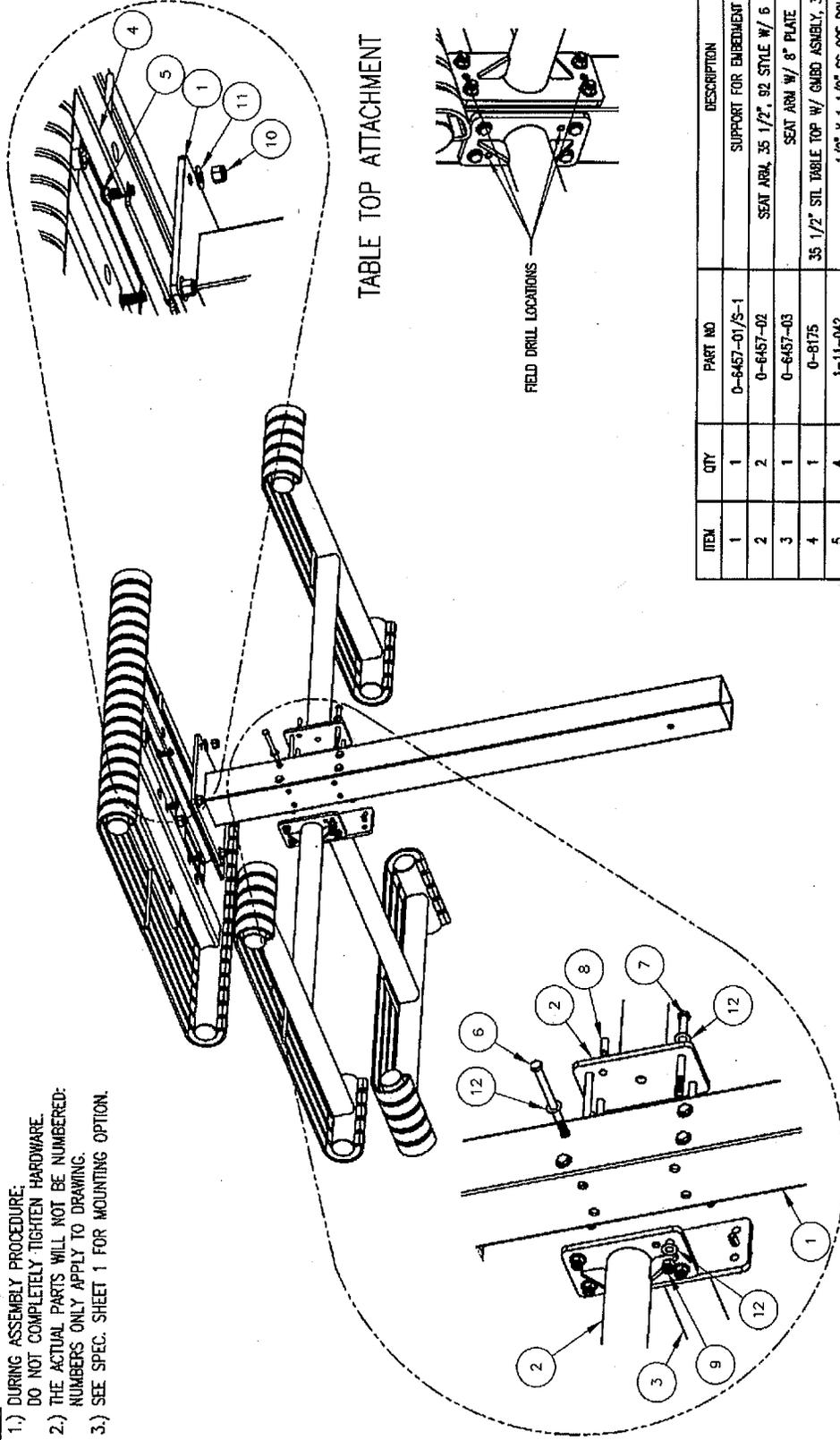
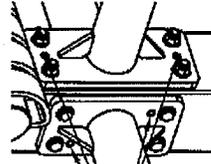


TABLE TOP ATTACHMENT



FIELD DRILL LOCATIONS

ITEM	QTY	PART NO	DESCRIPTION
13	1	K-ANCH880-4	1/2" X 3 3/8" SS ANCHOR KIT (4PC)
14	1	K-C08824-4L	1/2" CSE BOLT HARDWARE KIT (4)
15	1	K-HC0880-4	3/8" CAP HARDWARE KIT (4PC)
16	1	K-HC0888-4	3/8" CAP HARDWARE KIT (4PC)
17	1	K-RP0616-6	3/8" X 1" ROLL PIN KIT (6PC)

( FOR S-2 & S-4 OPTIONS )

TOOLS REQ'D  
3/4" WRENCH  
9/16" WRENCH

DRILL & 3/8" & 1/2" & MASONRY BIT  
( FOR S-2 & S-4 OPTIONS)

DATE DRAWN : 08/25/11  
DRAWN BY : ESS  
DATE REV. : 04/18/12  
REV. BY : ESS

**INSTALLATION**

ITEM	QTY	PART NO	DESCRIPTION
1	1	0-6457-01/S-1	SUPPORT FOR EMBEDMENT
2	2	0-6457-02	SEAT ARM, 35 1/2", 92 STYLE W/ 6 1/2" PLATE
3	1	0-6457-03	SEAT ARM W/ 8" PLATE
4	1	0-8175	35 1/2" STL TABLE TOP W/ GMBD ASMBLY, 35 1/2", 92 STYLE
5	4	1-11-042	1/2" X 1 1/2" SS CSE BOLT
6	4	1-12-008	3/8" X 5" SS HEX HD CAP SCR
7	4	1-12-039	3/8" X 5 1/2" SS HEX HD CAP SCR
8	6	1-14-003	3/8" X 1" S STL ROLL PIN
9	8	1-20-007	3/8" SS NYLON LOCKOUT
10	4	1-20-015	1/2" SS NYLON LOCKOUT
11	4	1-22-015	1/2" SS FLAT WASHER
12	16	1-22-024	3/8" SS FLAT WASHER

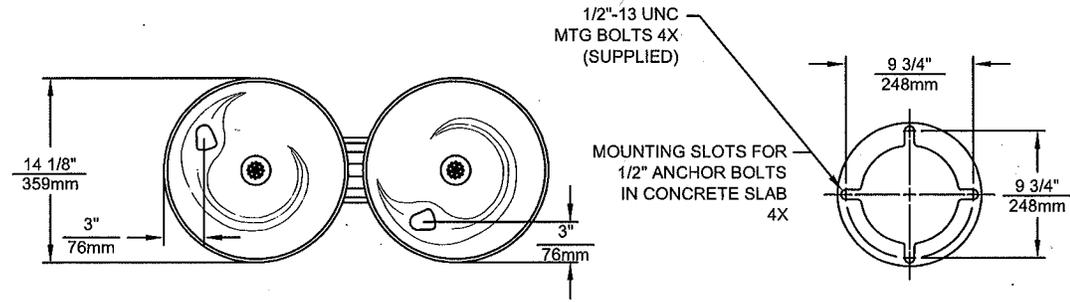
REVISION B  
DRAWING NUMBER 68-175-3 SH2

**DuMor, inc.**  
P.O. Box 142 Mifflintown, PA 17059-0142

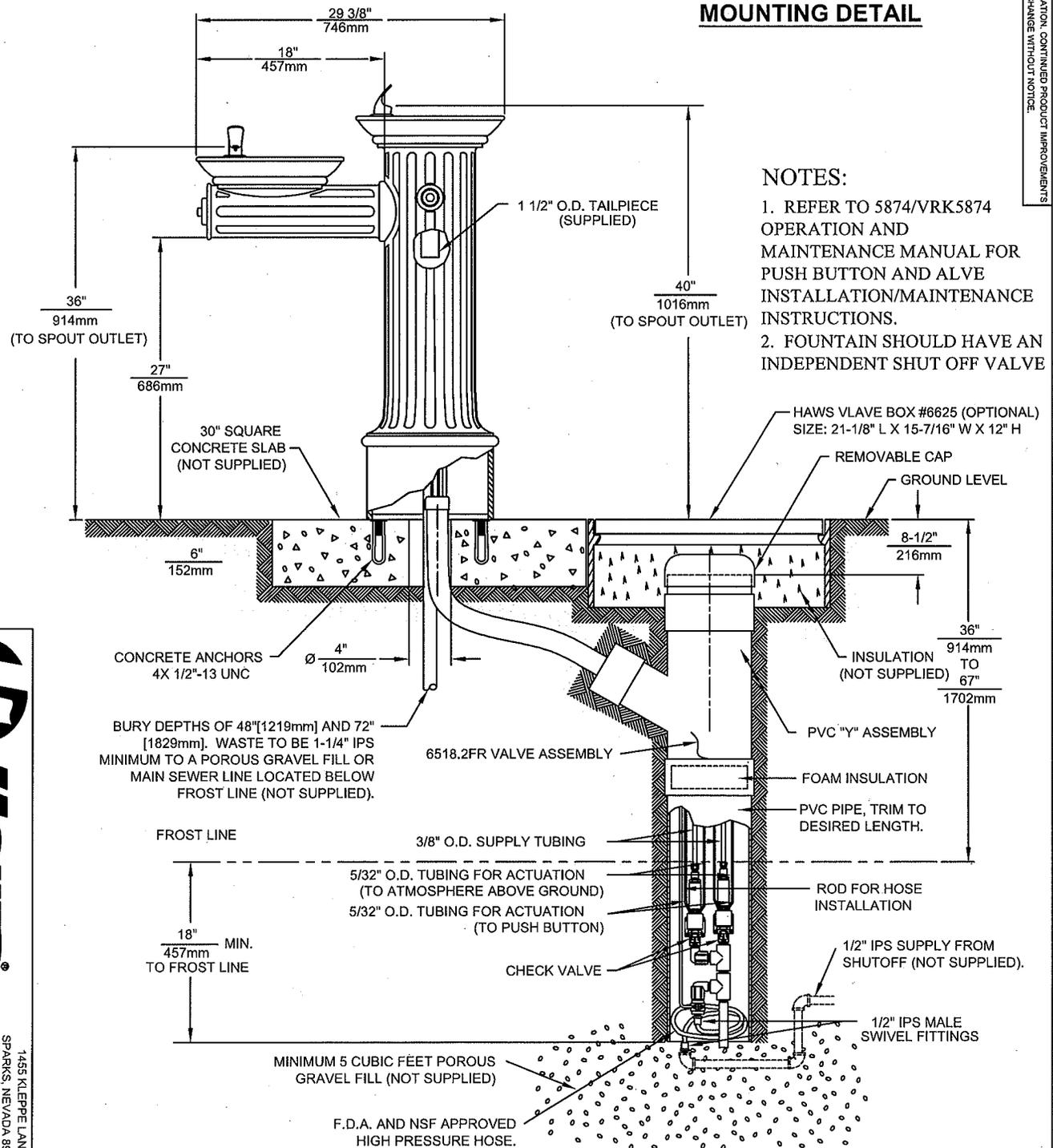
# DPR STANDARD DRINKING FOUNTAIN COLOR: BLACK

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THIS DOCUMENT IS TRUE AND CORRECT AT TIME OF PUBLICATION. CONTINUED PRODUCT IMPROVEMENTS MADE SPECIFICATIONS AND MEASUREMENTS SUBJECT TO CHANGE WITHOUT NOTICE.



## MOUNTING DETAIL



## NOTES:

1. REFER TO 5874/VRK5874 OPERATION AND MAINTENANCE MANUAL FOR PUSH BUTTON AND ALVE INSTALLATION/MAINTENANCE INSTRUCTIONS.
2. FOUNTAIN SHOULD HAVE AN INDEPENDENT SHUT OFF VALVE

**Haws Corporation**

1455 KLEPPE LANE  
SPARKS, NEVADA 89431  
(775) 359-4712 FAX (775) 359-7424  
E-MAIL: HAWS@HAWSCO.COM  
WEBSITE: WWW.HAWSCO.COM

DATE	REV.	BY	DESCRIPTION
05/08/00	1	HM	REVISED PER BILT
04/17/00	2	HM	REVISED PER BILT
05/08/00	3	HM	REVISED PER BILT
05/08/00	4	HM	REVISED PER BILT
05/08/00	5	HM	REVISED PER BILT
05/08/00	6	HM	REVISED PER BILT
05/08/00	7	HM	REVISED PER BILT
05/08/00	8	HM	REVISED PER BILT

MODEL(S): 3511FR

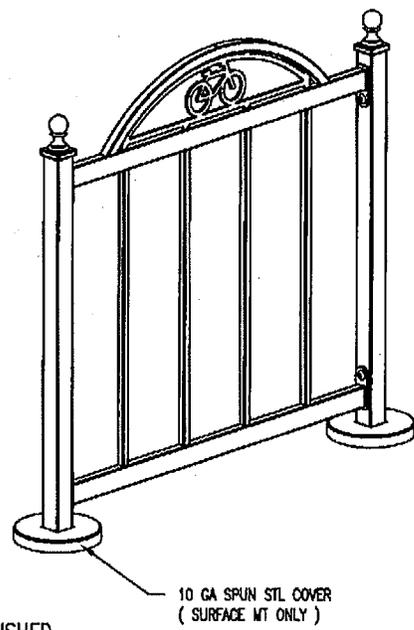
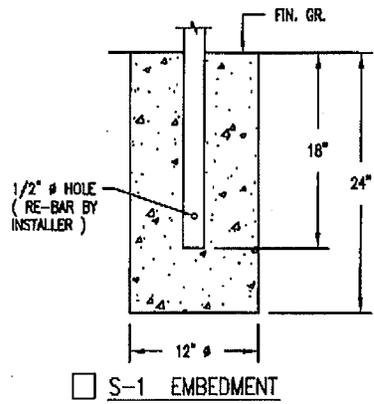
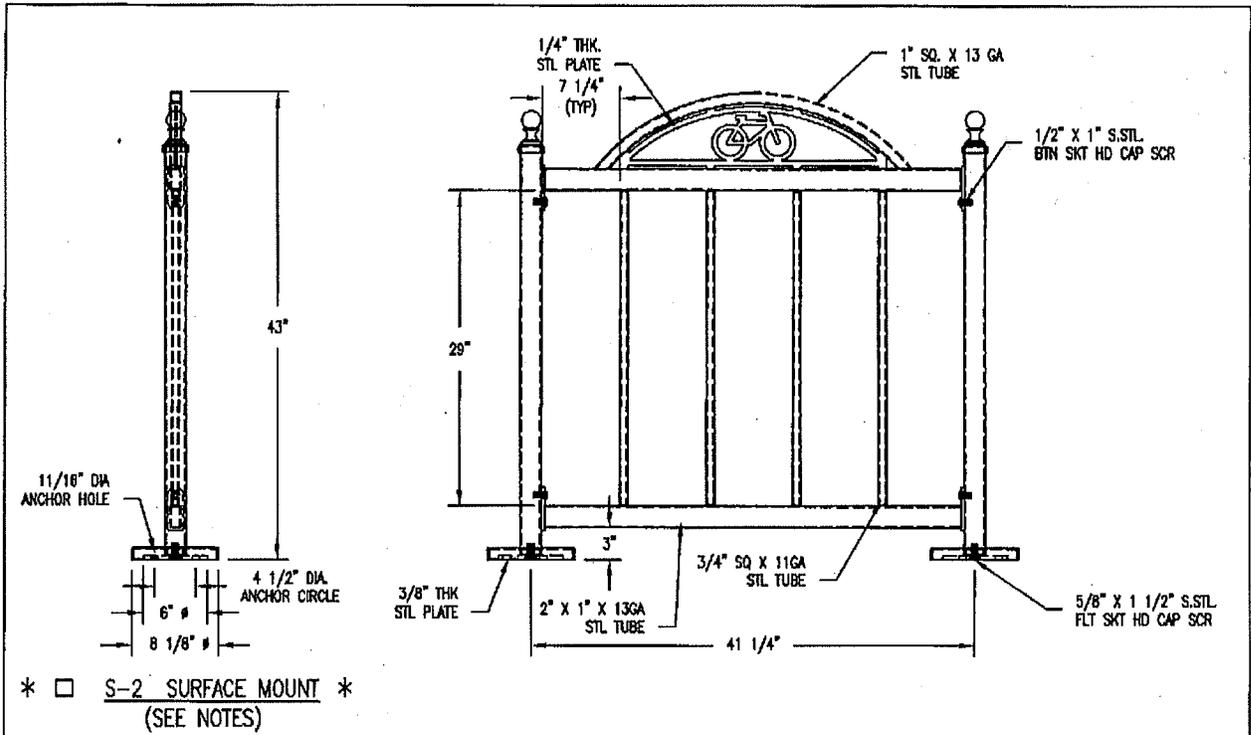
INFO FAX DOC #: 2351137

DRAWING TYPE: INSTALLATION/REPAIR

PART NUMBER: 0002077368 D

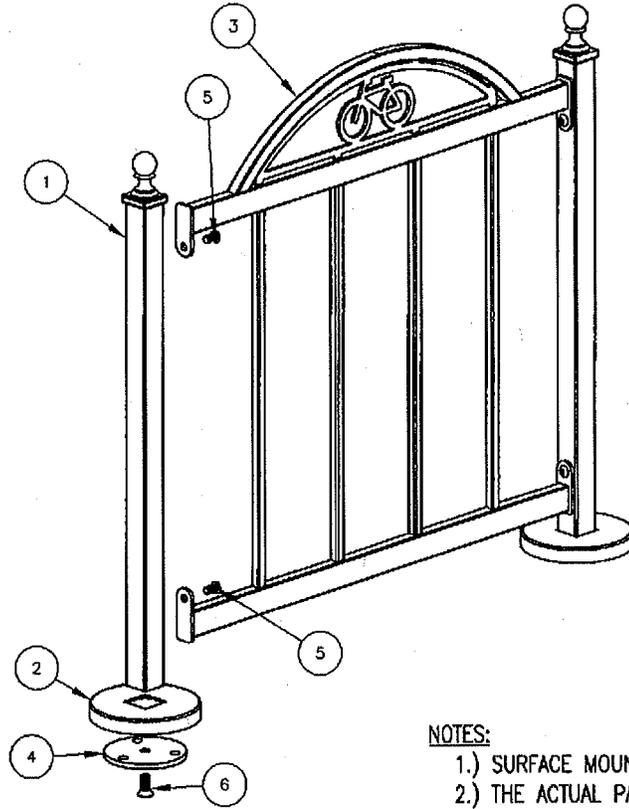
REV. 14696A00

REV. 8



- NOTES:
- 1.) ALL STL. MEMBERS COATED W/ ZINC RICH EPOXY THEN FINISHED W/ POLYESTER POWDER COATING.
  - 2.) 1/2" X 3 3/4" EXPANSION ANCHOR BOLTS PROVIDED FOR OPTION S-2.
- \* UPCHARGE APPLIES TO SUPPORT OPTION - CONSULT YOUR LOCAL REPRESENTATIVE.

 <b>DuMor, inc.</b> P.O. Box 142 Millintown, PA 17059-0142	SCALE :	NONE	TITLE :		BIKE RACK	
	DATE DRAWN :	1/13/11	REV.	DRAWING NUMBER	188-05	SHEET
	DRAWN BY :	JSB				
	DATE REV. :					
REV. BY :		A			1 OF 2	



**NOTES:**

- 1.) SURFACE MOUNT OPTION SHOWN.
- 2.) THE ACTUAL PARTS WILL NOT BE NUMBERED; NUMBERS ONLY APPLY TO DRAWING.
- 3.) SEE SPEC SHEET 1 FOR MOUNTING AND OPENING DETAILS.

**INSTALLATION FOR SURFACE MOUNT**

**STEP 1:**

USE 1 - PCS. 2" SQ. SUPPORT POST FOR SURFACE MOUNT ( 1 )  
 2 - PCS. 10 GAUGE X 8" DIA. ANCHOR PLATE COVER ( 2 )  
 2 - PCS. 3/8" THICK SURFACE MOUNT PLATE ( 4 )  
 2 - PCS. 5/8" X 1 1/2" SS FLT SKT HD CAP SCREW ( 6 )  
 SLIDE 10 GAUGE ANCHOR PLATE COVER ( 2 ) ONTO 2" SQ. SUPPORT POST FOR SURFACE MOUNT ( 1 ). ATTACH 3/8" THICK SURFACE MOUNT PLATE ( 4 ) TO 2" SQ. SUPPORT POST FOR SURFACE MOUNT ( 1 ) USING HARDWARE ( 6 ). TIGHTEN HARDWARE.

**STEP 2:**

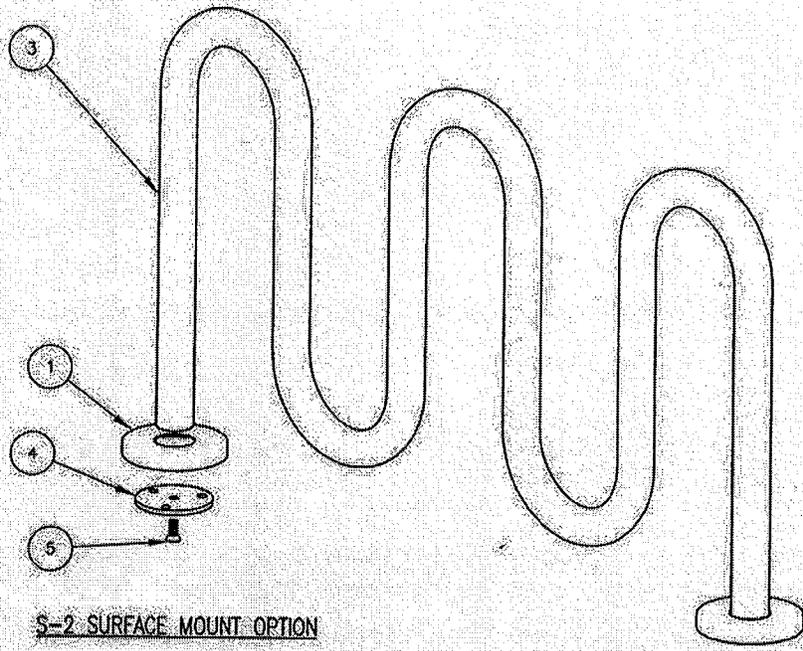
USE 1 - PC. STL BIKE RACK FRAME, 9 OPENINGS ( 3 )  
 4 - PCS. 1/2" X 1" SS BTN SKT HD CAP SCREW ( 5 )  
 ATTACH STL BIKE RACK FRAME, 9 OPENINGS ( 3 ) TO STEP 1 ASSEMBLY USING HARDWARE ( 5 ). SQUARE AND TIGHTEN HARDWARE.

**STEP 3:**

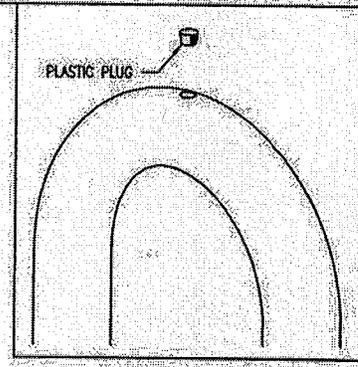
ANCHOR AS SPECIFIED ON SHEET 1.

ITEM	QTY	PART NO	DESCRIPTION
1	2	0-188-00-02/S-2	2" SQ SUPPORT POST FOR SURFACE MOUNT
2	2	0-188-00-04	10 GA X 8" DIA STL ANCHOR PLATE COVER
3	1	0-188-05-01	STL BIKE RACK, 5 OPENINGS
4	2	0-83-00-03	3/8" THK SURFACE MOUNT PLATE
5	4	1-12-056	1/2" X 1" SS BTN SKT HD CAP SCR
6	2	1-12-102	5/8" X 1 1/2" SS FLT SKT HD CAP SCR

 <b>DuMor, inc.</b> P.O. Box 142 Mifflintown, PA 17059-0142	SCALE :	NONE	TITLE : <b>BIKE RACK ASSEMBLY</b>		
	DATE DRAWN :	1/13/11			
	DRAWN BY :	JSB	REV. :	DRAWING NUMBER	188-05
	DATE REV. :		REV. :	A	
	REV. BY :			2 OF 2	

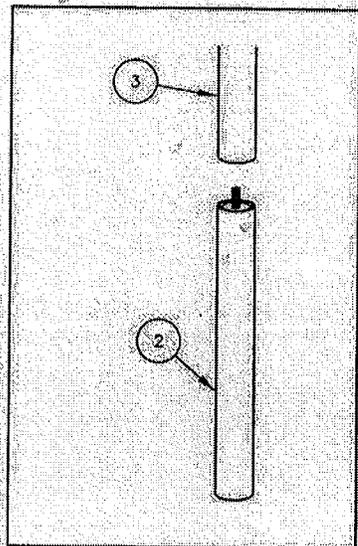


S-2 SURFACE MOUNT OPTION



PLASTIC PLUG

HOT-DIPPED GALV. BIKE RACK ONLY



S-1 EMBEDMENT OPTION

**INSTALLATION FOR SURFACE MOUNT**

**STEP 1:**

- USE 1 - PC. BIKE LOOP, SURFACE MOUNT ( 3 )
- 2 - PCS. 3/8" THK SURFACE MOUNT PLATE ( 4 )
- 2 - PCS. 10 GA X 8" DIA ANCHOR PLATE COVER ( 1 )
- 2 - PCS. 5/8" X 1 1/2" SS FLT SKT HD CAP SCREW ( 5 )

SLIDE 10 GA X 8" DIA ANCHOR COVER ( 1 ) OVER BIKE LOOP, SURFACE MOUNT ( 3 ) LEGS. ATTACH 3/8" THK SURFACE MOUNT PLATE ( 4 ) TO BIKE LOOP, SURFACE MOUNT ( 3 ) USING HARDWARE ( 5 ).

**STEP 2:**

ANCHOR ACCORDINGLY.

**INSTALLATION FOR PLASTIC PLUG HOT-DIPPED GALV ONLY**

INSERT PLASTIC PLUG INTO HOLE ON TOP OF EACH LOOP.

( S-2 OPTION )

( S-1 OPTION )

( S-2 OPTION )

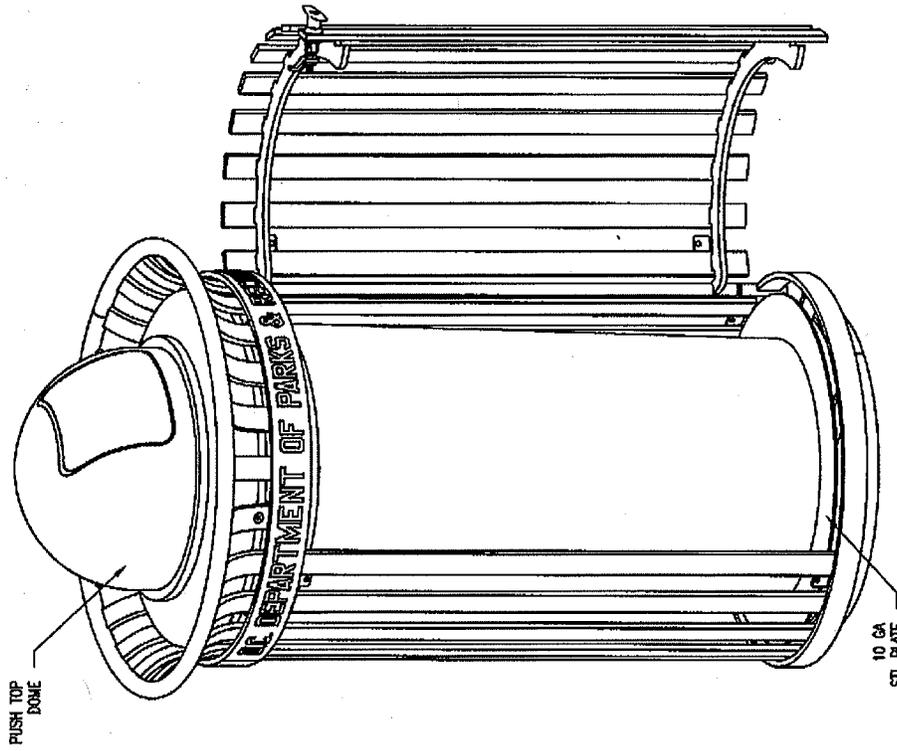
( S-2 OPTION )

ITEM	QTY	PART NO	DESCRIPTION
1	2	0-125-04	10 GA X 8" DIA STL COVER W/ 3 1/8" DIA HOLE
2	2	0-125-09/S-1	EMBEDMENT EXTENSION
3	1	0-125-30/S-2	3-PEAK LOOP BIKE RACK
4	2	0-83-00-03	3/8" THK SURFACE MOUNT PLATE
5	2	1-12-102	5/8" X 1 1/2" SS FLT SKT HD CAP SCR

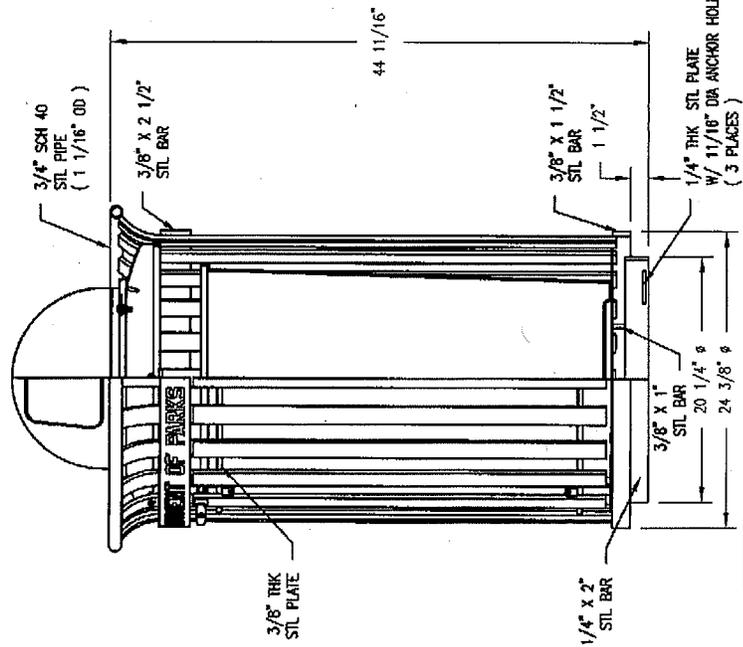
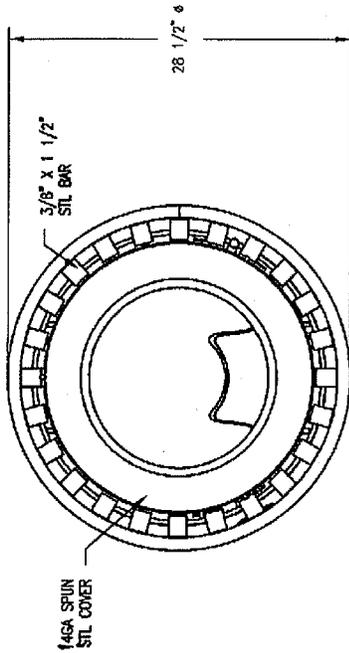
**DuMor, inc.**  
P.O. Box 142 Mifflintown, PA 17059-0142

SCALE :	NONE
DATE DRAWN :	2/12/99
DRAWN BY :	CDG
DATE REV. :	02/24/12
REV. BY :	ESS

TITLE :	BIKE RACK ASSEMBLY	
REV. :	E	DRAWING NUMBER : 125-30
SHEET :	2 OF 2	



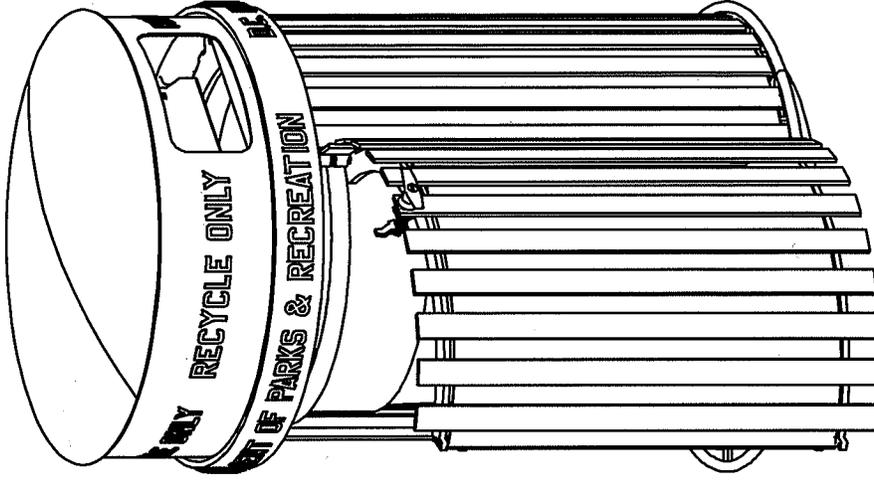
- NOTES:**
- 1.) ALL STL MEMBERS COATED W/ ZINC RICH EPOXY THEN FINISHED W/ POLYESTER POWDER COATING.
  - 2.) 1/2" X 3 3/4" EXPANSION ANCHOR BOLTS PROVIDED.
  - 3.) ALL WELDS CONT. THEN GROUND SMOOTH.
  - 4.) RECEPTACLE FULLY ASSEMBLED AT FACTORY.



DATE DRAWN : 07/06/12		TITLE	
DRAWN BY : ESS		RECEPTACLE	
DATE REV. :		REVISION	A
REV. BY :		DRAWING NUMBER	438-32-0004-PT


  
**DuMor, inc.**
  
 P.O. Box 142 Muffintown, PA 17059-0142

Color-Blue

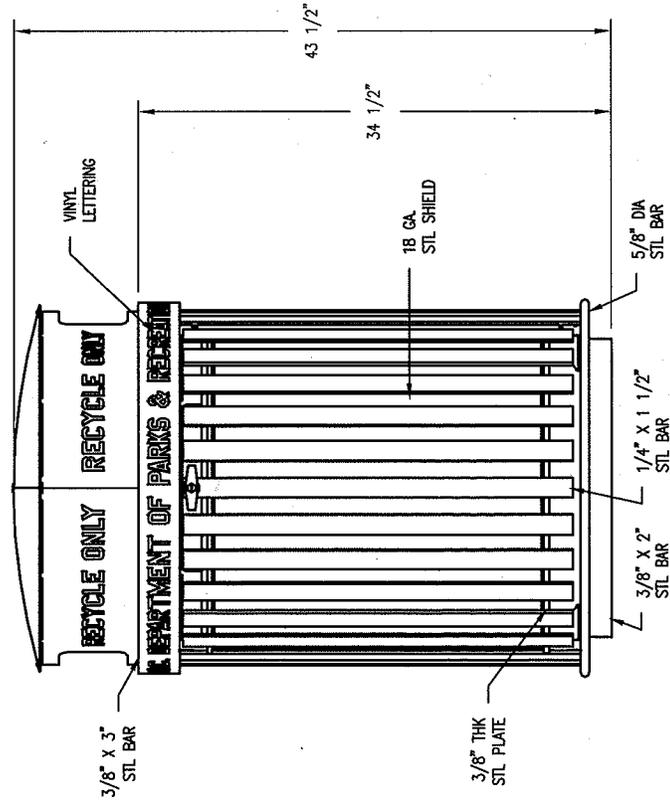
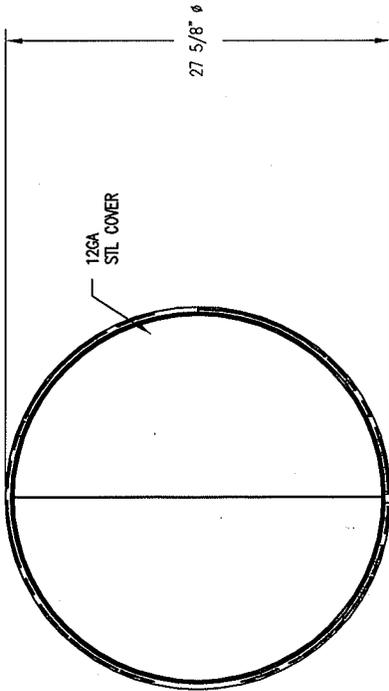


COVER NUMBERS

- 0-435-EC-0001 ((1) 5" X 10" OPENING)
- 0-435-EC-0001 ((1) 5" X 10" OPENING)

NOTES

- 1.) ALL STL MEMBERS COATED W/ ZINC RICH EPOXY THEN FINISHED W/ POLYESTER POWDER COATING.
- 2.) 1/2" X 3 3/4" EXPANSION ANCHOR BOLTS PROVIDED ( QTY 3 ).
- 3.) RECYCLING UNIT HINGE FOR REMOVAL OF 32 GAL LINER.



DATE DRAWN : 05/20/13

DRAWN BY : RDH

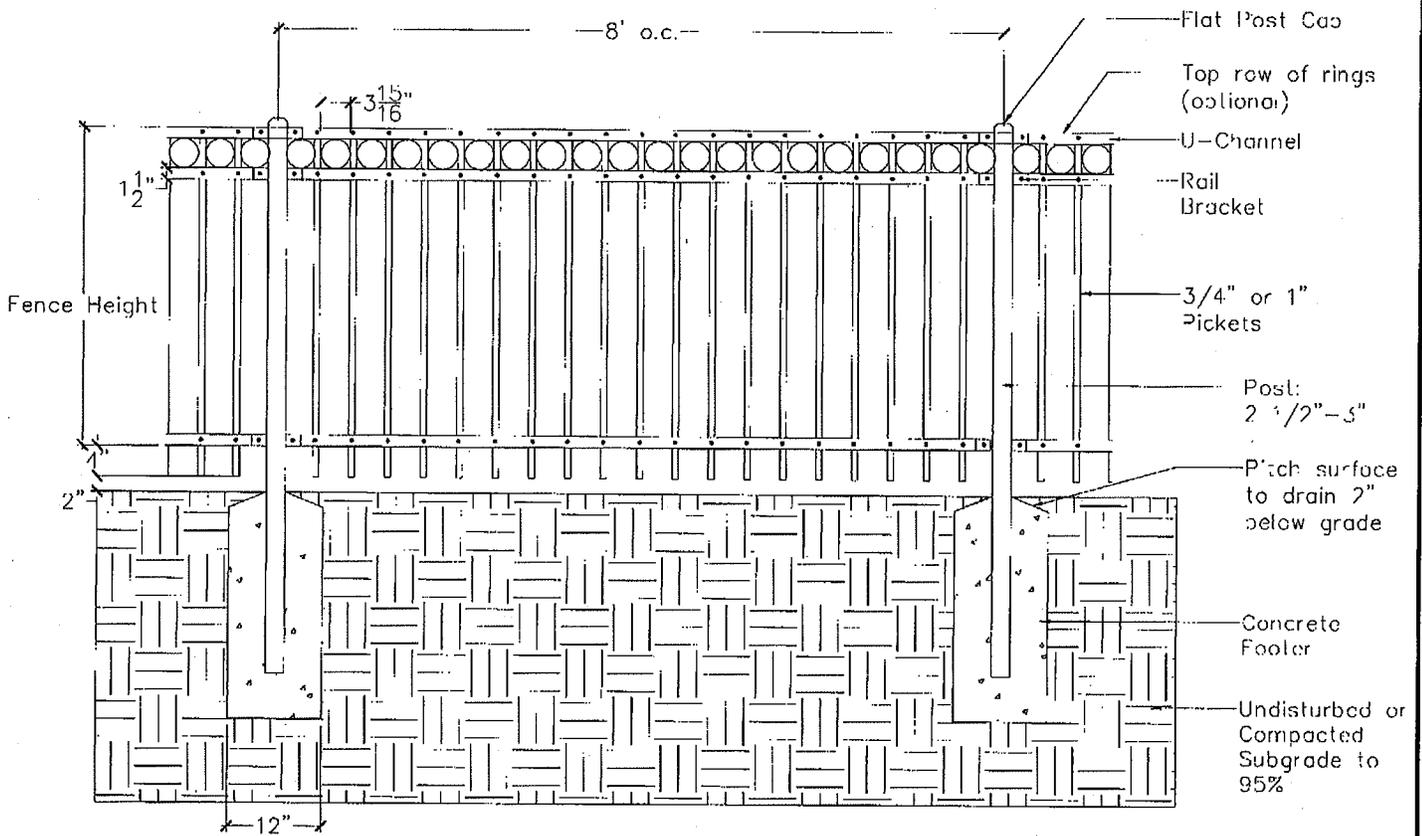
DATE REV. :

REV. BY :

TITLE  
**RECYCLING UNIT**

REVISION **A** DRAWING NUMBER **437-32SH-0002-EC-0001**

**DuMor, inc.**  
P.O. Box 142 Mifflintown, PA 17059-0142



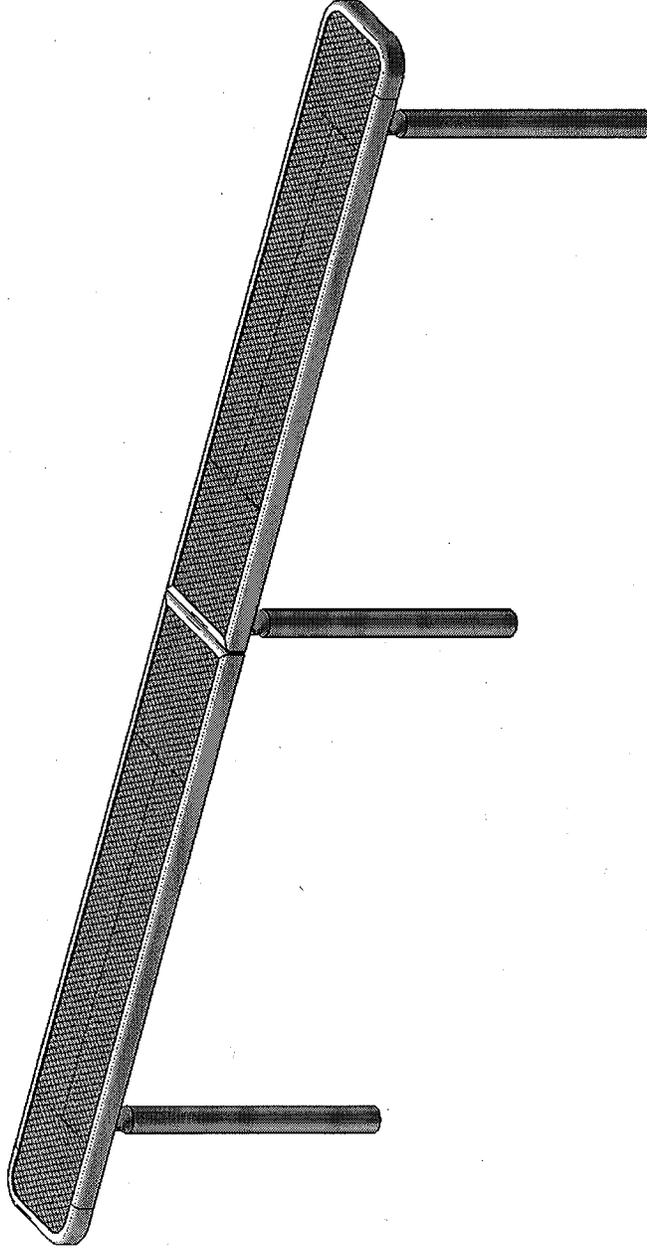
**NOTES**

- 1) Verify the exact location and elevation of all underground utilities and other structures before starting work. Call Miss Utility: 1-800-257 7777
- 2) Use extreme care to protect roots of existing trees. Do not stockpile rubble or other debris at the base of trees. Tree protection is to be used to prevent damage during site work.
- 3) Use extreme care to protect all existing elements to remain from damage or displacement. Remove any debris or trash unearthed during excavation and dispose of legally.
- 4) Consult drawing for fence location(s) and fence height(s). Layout and staking of tubular steel fence is to be done in the field by the contractor and approved by the COTR prior to the start of construction.
- 5) Drill or hand excavate holes in firm, undisturbed or compacted soil to local frost depth. Holes shall be no less than 10" in diameter and 17" deep. Set posts 6" above existing grade.
- 6) Set fence posts in holes nominal 8'-0" on center. Set gate posts for gate opening as specified on the drawing. If fence is to be placed along a slope, the contractor shall contact the COTR regarding how to proceed.
- 7) Fill hole with concrete. Take care to slope concrete away from support posts for drainage purposes. Finished concrete shall be two (2) inches below existing grade.
- 8) Repeat steps 5-7 for each section of fencing. Verify that fencing is set plumb, aligned, and at correct height and spacing as specified on drawing. Hold in position during placement and finishing operations until concrete is sufficiently cured.
- 9) All tubular steel fencing shall have standard flat post caps unless otherwise specified.

DATE 10/05/09	NOTES	TITLE	DISTRICT OF COLUMBIA DEPARTMENT OF PARKS AND RECREATION	
SCALE 1/2" = 1'	NA	<p style="text-align: center;">FENCE, ORNAMENTAL STEEL</p>	Office of Planning & Capital Projects Main Office: 3149 16th Street, N.W. Washington, D.C. 20010 202-673-7647 <a href="http://www.dpr.dc.gov">www.dpr.dc.gov</a>	
TYPE DETAIL				

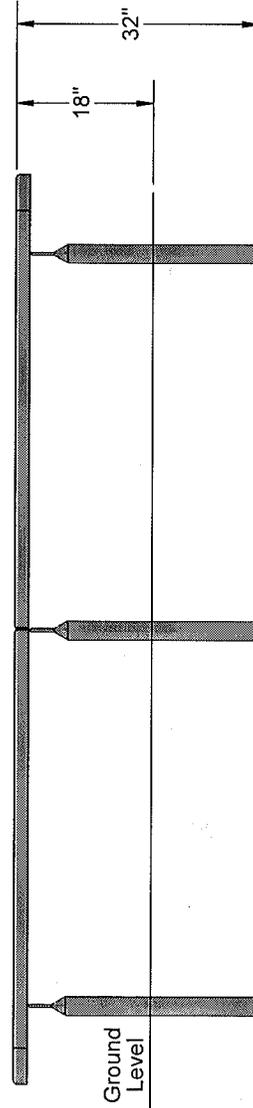
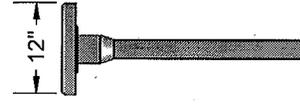
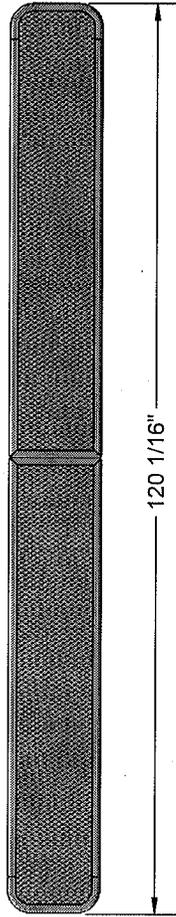
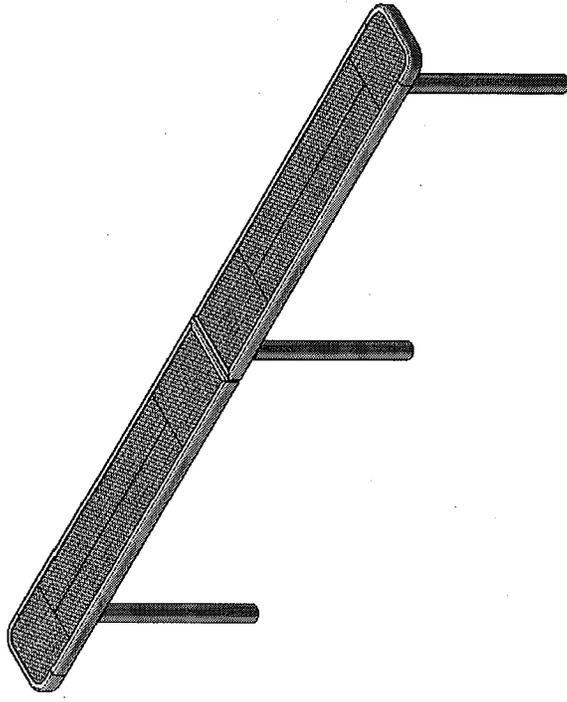
# ultra site™

A PLAYCORE® company



Model # 942S-V10

# OVERALL DIMENSIONS



DPR STANDARD TENNIS BACKBOARD

## RALLY MASTER BACKBOARDS® DELIVER QUALITY & VALUE

Whether you prefer a conventional flat backboard or a back-sloped backboard we've got you covered. Compare our products with any other brand. The more homework you do the better we look. No one delivers quality and value better than Rally Master Backboards®. Best of all, Rally Master Backboards cost less, have the longest warranty in the industry and usually ship within one week.

### Vandal Resistance

The unique Rally Master panel design combines solid dense plastic, enhanced with unmatched flexibility and strength. No fiberglass or hollow core backboard can stand up to constant use and abuse better than Rally Master.

### Versatility

Backboard practice is also great for lacrosse, soccer, and basketball. These uses can ruin other types of backboards.

### Permanent Net Line

Forget replacing net lines made of flimsy tape. Rally Master lines are permanently etched into the panels.

### Optional 5'-High Catch Net

Our heavy-duty, black, UV-stabilized catch net is mounted to the top of the backboard. The net support frame is made of powder-coated steel tubing and super-strength, corrosion-resistant connectors.

### Panel Construction

Rally Master panels are solid-core, dense plastic with the rich color molded directly into the panel. Density and flexibility combine to make Rally Master the most durable backboard on the market. Our product includes an industry-leading 20-year warranty.

### New and Improved Mounting System

We've made installation even simpler than before by developing a faster panel mounting system. It provides a universal fence bracket that allows the installer to quickly adjust the strut alignment to compensate for fence posts that are slightly bent or out of plumb.

### Corrosion-resistant Hardware

Panels are mounted to heavy-duty, galvanized cross braces that are attached to vertical posts using galvanized hardware for unmatched durability.

### Reduced Sound

Our vibration dampers reduce backboard noise. Decibel reading tests indicate that a tennis ball hitting a Rally Master Backboard is no louder than a tennis ball hitting a tennis racket, and quieter than a basketball being dribbled on an asphalt basketball court.

**Flat Backboard Model  
Shown Above**

[WWW.RALLYMASTERBACKBOARDS.COM](http://WWW.RALLYMASTERBACKBOARDS.COM)



# Eco-Enviro Stone™

## Concrete Paver Environmental Systems

DPR STANDARD PERMEABLE PAVING (to match existing stone on site)

# Eco-Enviro Stone™

Pavestone Eco-Enviro Stone™ is the sustainable solution for permeable pavements. Eco-Enviro Stone™ is produced in a 120mm x 240mm rectangular module that is 80mm high. It is made with a micro-charmored top edge and a micro-charmored bottom edge. This design is unique to the Pavestone Eco-Enviro Stone™ product and provides optimum permeability. The unique Eco-Enviro Stone™ joint profile allows surface water to infiltrate into the pavement and its sub-system. With limited permeability average flow rates of one cubic meter per hour, the Eco-Enviro Stone™ product, when used in a curbing area, will still meet the majority of current storm water management plans (SWMP). The structural interlocking capability is achieved by the paving unit being interlocking joints with vertically aligned horizontal interlocking spacers bars on each of its sides. These spacers bars interlock throughout the depth of the block and near adjacent joints with neighboring paving units. This interlocking function resists lateral and vertical displacement when the unit is exposed to load. The dynamics of pavement stress are better distributed providing a structurally superior permeable paving system.

The micro-charmored top edge profile produces a horizontal edge to edge dimension that is nominally 5mm, including installation gapping. This small joint complies dimensionally with current ADA requirements for walking surfaces with spaces no greater than 1/2 inch. This narrow jointed surface diminishes vibration for wheelchairs and shopping carts when compared to all other permeable paving products. Eco-Enviro Stone™ can assist in meeting current EPA storm water regulations and LEED certification. The Eco-Enviro Stone™ product best achieves the balance of aesthetic, segmental paving and the function of permeable pavement.

### APPLICATIONS

- Parking Lots • Driveways • Patios • Entrance Areas • Sidewalks
- Remains Garden Pathways • Pedestrian Paths • Roof Gardens • Streets

### COMPOSITION AND MANUFACTURE

Eco-Enviro Stone™ is available in one size. Height = 80mm. Eco-Enviro Stone™ is made from a "no slump" concrete mix made under extreme pressure and high frequency vibrations. Eco-Enviro Stone™ has a compressive strength greater than 8000 psi. A water absorption maximum of 5% and will meet or exceed ASTM C-695. Note: Pavement meeting the ASTM C-100 - Power Area 44 - "No test specimen shall be to a 3 mm sand and if necessary, use a specimen that has a 100% passing rate of 0.425 mm.

### INSTALLATION

- Excavate unsuitable, unstable or unconsolidated subgrade material. Compact the area, which has been cleared as per the engineer's or record (COR) requirements. Backfill and level with open graded aggregate as per the COR's structural and hydraulic design.
- Place bedding course of hard and angular material conforming to the grading requirements of ASTM No. 8 or No. 9 to a uniform minimum depth of 1 1/2" (2" (80mm-300mm) screened) with joints approximately 1/2" (80mm).
- Install Eco-Enviro Stone™ with joints approximately 1/2" (80mm).
- Where required, cut joints stones with an approved cutting device to fit.
- Turn the stones with a plate compactor, uniformly level, tone to grade and free of movement.
- Spread a thin layer of hard angular material conforming to the grading requirements of ASTM No. 8 or No. 9 aggregate over entire paving area.
- Make one more pass with plate compactor to nest the aggregate and fill joints to the top.
- Sweep and remove surplus joint material.

Complete installation & specification details are available by contacting your Pavestone Sales Representative.



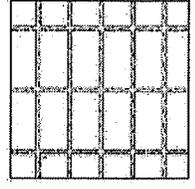
**PAVESTONE**  
Improving Your Landscape™  
www.pavestone.com

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**PRODUCT INFORMATION**  
Eco-Enviro Stone™ is available in one size. Height = 80mm  
Dimensions: 5" W x 10" L x 3/4" H

Wt. Stone: 12.9 lbs.  
Stones/Pallet: 280  
Approx. Wt. Pallet: 3,624 lbs.  
Sq. Ft. Pallet: 80  
Product Number: 886  
Eco-Enviro Stone™ (120mm x 240mm)  
\* Fractional dimensional increments available. \*\* Does NOT include S/S for wooden pallet.

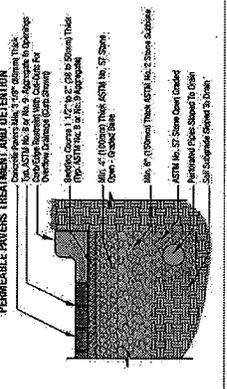
### INSTALLATION PATTERN



### PERMEABLE PAVEMENT TREATMENT



### PERMEABLE PAVEMENT TREATMENT AND DETENTION



- Atlanta, GA (770) 908-8661
- Baltimore, MD (410) 341-4000
- Boston, MA (617) 877-2000
- Charlotte, NC (704) 607-5346
- Chattanooga, TN (423) 424-5782
- Cincinnati, OH (513) 552-9108
- Columbus, IN (615) 251-2000
- Dayton, OH (937) 406-8700
- Denver, CO (303) 555-4372
- Fort Worth, TX (817) 395-4400
- Indianapolis, IN (317) 251-2000
- Jacksonville, FL (904) 426-8700
- Las Vegas, NV (702) 251-2000
- Little Rock, AR (501) 886-8111
- Los Angeles, CA (818) 251-2000
- Memphis, TN (901) 352-4372
- Minneapolis, MN (612) 355-4372
- Phoenix, AZ (602) 795-4400
- Portland, OR (503) 251-2000
- San Antonio, TX (214) 352-4372
- San Diego, CA (619) 426-8700
- Seattle, WA (206) 426-8700
- Tampa, FL (813) 251-2000
- Tucson, AZ (520) 251-2000
- Wichita, KS (316) 251-2000

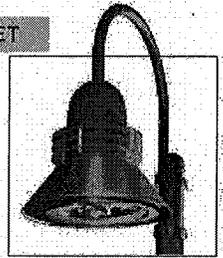
Member of ASA and NCCA  
ICPI Chapter Member  
World Wide Pavement

504 200 417 710

# UCM – Universe Medium Housing Scale

TYPE

RESET



UCM

- Part of AAL's Designer SSL Series
- MicroEmitter® reflector technology
- DLC approved (Types 3 and 5, 5000K)
- First decorative, modular system with precise LED aiming capabilities
- Field replaceable LED EmitterDeck® upgrade kits
- LifeShield™ Protection System
- 0 - 10v dimming capabilities
- Surge protection included
- Powder coat finish in 13 standard colors with a polymer primer sealer

1. LUMINAIRE	2. LUMINOUS HOOD	3. OPTICS	4. LAMP/BALLAST	5. COLOR	6. HOOD OPTIONS	7. OPTIONS	8. MOUNTING

## 1. LUMINAIRE

UCM Universe medium

## 2. LUMINOUS /HOOD

### NO LUMINOUS & HOOD

ANGLED BELL FLARED STRAIGHT SKIRTED  
 ANG  BEL  FLR  STR  SKB

### LUMINOUS & HOOD

4. LUMINOUS SOLID VERTICAL LUMINOUS  
 WINDOWS RINGS SLOTS RINGS

WND-ANG  SR-ANG  VSL-ANG  LUM-ANG  
 WND-BEL  SR-BEL  VSL-BEL  LUM-BEL  
 WND-FLR  SR-FLR  VSL-FLR  LUM-FLR  
 WND-STR  SR-STR  VSL-STR  LUM-STR  
 WND-SKB  SR-SKB  VSL-SKB  LUM-SKB

## 3. OPTICS

LED (60 light emitting diode array, 72 watts, Class 1, 120 thru 277 volt.  
 Warm white (3000K), Neutral white (4000K), Bright white (5000K))

T2-60LED-WW  T4-60LED-WW  
 T2-60LED-NW  T4-60LED-NW  
 T2-60LED-BW  T4-60LED-BW  
 T3-60LED-WW  T5-60LED-WW  
 T3-60LED-NW  T5-60LED-NW  
 T3-60LED-BW  T5-60LED-BW

\* DLC Listed

### HORIZONTAL REFLECTOR (sag lens)

H2 (Type 2)  H3 (Type 3)  H4 (Type 4)  H5 (Type 5)

### GLASS REFLECTOR

GR3 (Type 3)  GR5 (Type 5)

### OPAL LENS (Acrylic; Maximum 100 watts)

OAL

## 4. LAMP/BALLAST

### COMPACT FLUORESCENT

GE F700BX lamp, -10°C min start temp  
 PL57

### METAL HALIDE

Medium base, ED-17 lamp  
 50MH  70MH  100MH  
 G12 base, T-6 ceramic lamp  
 70MHT6

### ELECTRONIC METAL HALIDE

Medium base, ED-17 lamp  
 70MH6B  100MH6B  150MH6B  150MHT6EB  
 G12 base, T-6 ceramic lamp  
 70MHT6EB

### PULSE START METAL HALIDE

Medium/mogul base  
 150PSMH  175PSMH (GR only)  
 G12 base, T-6 ceramic lamp  
 150PSMHT6

### HIGH PRESSURE SODIUM

Medium/mogul base  
 50HPS  70HPS  100HPS  150HPS

### INDUCTION LAMP (OAL only, less luminous elements)

IL-55 (55W)  IL-85 (85W)

All ballasts are factory wired for 277 volts, unless specified. Lamps not included, except LED.

## 5. COLOR

AWT (Arctic White)  CRT (Corten)  
 BLK (Black)  MAL (Matte Aluminum)  
 MTB (Matte Black)  MDG (Medium Grey)  
 DGN (Dark Green)  ATG (Antique Green)  
 DBZ (Dark Bronze)  LGY (Light Grey)  
 WRZ (Weathered Bronze)  RAL/PREMIUM  
 BRM (Metallic Bronze) COLOR (Provide RAL)  
 VBL (Verde Blue)  CUSTOM COLOR  
 (Provide color chip for matching)

## 6. OPTIONS - HOOD (The natural copper and stainless steel hoods are unfinished to develop a patina over time. All painted hoods have the underside of the hoods finished in high reflectance white.)

COP (Copper)  STS (Stainless steel)

## 7. OPTIONS

FTG (Flat glass lens)  
 RCK (Rock guard painted black)  
 SLC (Internal sleeve to block light when luminous element chosen)  
 FLD (Lightly diffused finish on flat glass lens)  
 HSS (House side shield. Not for Type 5)  
 347V (For HID, except 50MH & 50HPS. Not available with LED.)  
 QL (T-4 socket)  QRS (T-4 restrike controller & socket)  
 PMR (Post top mount, ships over a 4" / 100mm pole. Reflector model only)  
 PM (Post top mount, GR3/5 & Opal lens only)  
 PMS (Pendant mount, 48"/1220mm stem & canopy with swivel)

## INNER LENS - (Lum only, Optional inner lens adds color to the ring edges when illuminated)

BL (Blue)  GRN (Green)  RD (Red)

## 8. MOUNTING - Must choose one

### WALL MOUNT

WMA4  WMA5  WMA6  WMA8  
 WMA9D  WMA10  WMA11  WMA12  
 WMA16  WMA17  WMA18  WMA20  
 WMA22D  WMA24  WMA37  WMA38  
 WMA39

### POLE MOUNT

SLA2  SLA3  SLA4  SLA4-2  
 SLA7  SLA7-2  SLA7(5)  SLA7(5)-2  
 SLA8D  SLA9  SLA9-2  SLA10  
 SLA10-2  SLA16  SLA16-2  SLA17  
 SLA17-2  SLA17(5)  SLA17(5)-2  SLA18  
 SLA18-2  SLA20  SLA20-2  SLA20A  
 SLA20A-2  SLA20B  SLA20B-2  SLA20C  
 SLA20C-2  SLA20D  SLA20D-2  SLA22D  
 SLA24  SLA24-2  SLA24(5)  SLA24(5)-2  
 TRA4  TRA7  TRA7-2  TRA8  
 TRA8-2  TRA9  TRA9-2

Visit [www.aal.net](http://www.aal.net) for Arms, Poles & Accessories.  
 Specification Guide

## SPECIFICATIONS

### HOUSING

The fixture ballast housing shall be one-piece die-cast aluminum. The luminous rings shall be clear acrylic with an internal lens. The lens shall be lightly diffused acrylic, sealed to the housing and shade with molded silicone gaskets. The hood and spacers shall be heavy gauge spun aluminum with hemmed edges for added rigidity.

All internal and external hardware shall be stainless steel.

The fixture shall consist of die cast aluminum door frame and ring assembly. The hood ring assembly shall be fully sealed with a molded silicone gasket. The door frame shall be hinged to the ring and opened with two captive fasteners for relamping. The tempered sag glass lens is held in the door frame with a molded silicone gasket.

GR3/5 - A borosilicate glass refractor lens with a Type 3 or Type 5 distribution shall be attached to an aluminum frame. Three captive fasteners shall be loosened to turn and remove the lens for relamping.

OAL - Molded opal acrylic lens and an aluminum frame. Three captive fasteners shall be loosened to turn and remove the lens for relamping.

### FULL CUTOFF (Horizontal only)

The reflector models, less luminous element, is classified as full cutoff, meaning there is zero light emitted at 90° horizontal or above.

### OPTICAL ASSEMBLY (Horizontal only)

The reflector module shall be composed of faceted, semi specular anodized aluminum panels rigidly attached in an aluminum tray. The reflector shall be easily removed by loosening four screws and lifting it out the tray. The reflector tray shall be rotatable on 90° centers for orienting the light distribution. The reflectors shall meet ANSI-IES standards for full cutoff (without luminous element).

See next page

TYPE \_\_\_\_\_

JOB: \_\_\_\_\_

NOTES \_\_\_\_\_



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# UCM – Universe Medium Housing Scale

TYPE

## ELECTRICAL

### LED-MODEL

120 thru 277 volt. All electrical components are mounted directly to the driver tray for maximum heat dissipation. Class 1 electrical classification. 0 - 10v dimming capabilities. LifeShield™ Protection System included for extreme temperature locations (-30°C to 60°C). 120/277 volt. Universal with 9mA maximum input current and 1mA maximum drive current. Input power 0.5 watt for 120 volt and 1.25 watt for 277 volt. The onboard surge protector shall be U.L. recognized and have a surge current rating of 10,000 Amps using the industry standard 8/20uSec wave. The surge protector shall have a clamping voltage of 320V and surge rating of 372J. The case shall be a high-temperature, flame resistant plastic enclosure. LED constant current driver operates at 350mA.

### OTHER MODELS

The ballast shall be mounted on a prewired tray with a quick disconnect plug and removed by loosening two captive screws. HID ballasts are high power factor, rated for -30°C starting. Sockets are medium or G12 base, pulse rated porcelain. Ballasts are wired at the factory for 277 volts.

### MICROEMITTER™ REFLECTOR

Precision injection molded, highly specular reflectors are positioned to achieve directional control toward desired task. Secondary reflectors with a concave, specular medium hammerstone finish are used to redirect light downward. The entire assembly fastens to the housing as a one-piece module and features wiring quick-connects for easy installation. Standard color temperatures are 3000K, 4000K and 5000K. Rated luminous efficacy is ≥40 lm/W with rated light output of ≥2864 for 5000K LED, standard mount. MicroEmitters are field replaceable.

### MOUNTING

The fixture shall be attached to the arm assembly with three stainless steel bolts. The connection shall be sealed with a silicone compression gasket.

PM – The post top version shall slip over a 47/100mm O.D. pole or tenon, and secured with six stainless steel set screws.

### FINISH

Fixture finish consists of a five stage pretreatment regimen with a polymer primer-sealer, oven dry off, and top coated with a thermoset super TGIC polyester powder coat finish. The finish shall meet the AAMA 605.2 performance specification which includes passing a 3000 hour salt spray test for corrosion resistance.

### CERTIFICATION

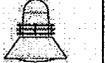
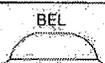
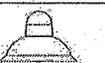
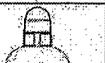
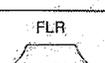
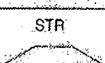
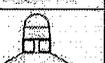
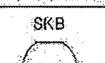
Listed with ETL for outdoor, wet location use. Conforms to UL1598 and Canadian CSA Std. C22.2 no.250 standard.

### WARRANTY

Universe LED, including housing, LEDs and electrical components, is warranted for five years, other fixtures are three years. Any unauthorized return, repair, replacement or modification of the Product(s) shall void this warranty. This warranty applies only to the use of the Product(s) as intended by AAL and does not cover poles, arms, mounting, or any misapplication or misuse of said Product(s), or installation in hazardous or corrosive environments. Contact AAL for complete warranty language, exceptions, and limitations.

## DIMENSIONS

The first dimension is the height of fixtures with LEDs or horizontal reflectors. The second is for the opal lens and the third is the glass refractor fixture.

HOOD	NO. LUMINOUS	4 LUMINOUS WINDOW (WIN)	SOLID RINGS (SR)	VERTICAL SLOTS (VSL)	LUMINOUS RINGS (LUM)
ANG  DIA: 20"/508mm	 14.7"/373mm 18.7"/472mm	 20.5"/520mm 22.2"/563mm 20.8"/528mm	 20.7"/526mm 22.5"/572mm 21.1"/536mm	 20.5"/521mm 22.2"/564mm 20.8"/528mm	 20.6"/523mm 22.4"/569mm 21.1"/533mm
BEL  DIA: 24"/610mm	 15.8"/401mm 18"/457mm 16.7"/424mm	 21.4"/543mm 22.2"/563mm 20.8"/528mm	 21.6"/549mm 22.5"/572mm 21.1"/536mm	 21.4"/543mm 22.2"/564mm 20.8"/528mm	 21.5"/546mm 22.4"/569mm 21.1"/533mm
FLR  DIA: 22"/559mm	 14.5"/368mm 18.1"/455mm 16.8"/427mm	 19.8"/503mm 22.3"/566mm 21.1"/533mm	 20.1"/510mm 22.6"/574mm 21.2"/538mm	 19.8"/503mm 22.3"/566mm 21.1"/533mm	 20"/509mm 22.5"/574mm 21.1"/536mm
STR  DIA: 24"/610mm	 14"/355mm 18.1"/455mm 16.7"/424mm	 19.8"/503mm 22.3"/566mm 20.9"/531mm	 20"/508mm 22.5"/574mm 21.2"/538mm	 19.8"/503mm 22.3"/566mm 20.9"/531mm	 19.9"/505mm 22.5"/574mm 21.1"/536mm
SKB  DIA: 24"/610mm	 19.7"/500mm 19.7"/500mm 19.7"/500mm	 23.9"/607mm 23.9"/607mm 23.9"/607mm	 24.2"/615mm 24.2"/615mm 24.2"/615mm	 23.9"/607mm 23.9"/607mm 23.9"/607mm	 24.1"/612mm 24.1"/612mm 24.1"/612mm

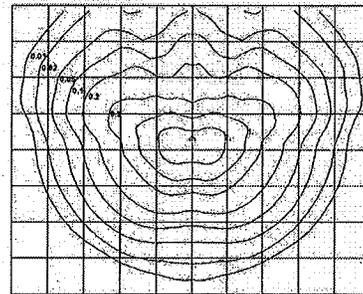
## UCM H3 150MH FTG WATTAGE: 185 LUMEN OUTPUT: 7192 EFFICACY: 67.6

### B2 U0 G2

FORWARD LIGHT	FL	FM	FH	FVH
30°	4.6%	577		
60°	16.2%	2026		
80°	14.8%	1850		
90°	0.2%	30		

BACK LIGHT	BL	BM	BH	BVH
30°	3.9%	491		
60°	11.7%	1469		
80°	5.9%	738		
90°	0.1%	11		

UPLIGHT	UL	UH
100°	0%	0
180°	0%	0



Mounting Height	Multiplier
10	4.000
15	1.778
20	1.000
25	0.640
30	0.444
35	0.327
40	0.250
45	0.198
50	0.160

UPLIGHT 0%  
DOWNLIGHT 100%

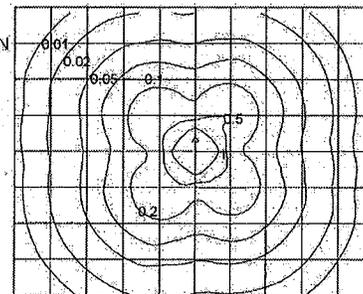
## UCM T5 60LED BW FTG WATTAGE: 64.7 LUMEN OUTPUT: 3726 EFFICACY: 57.6

### B2 U0 G1

FORWARD LIGHT	FL	FM	FH	FVH
30°	8.0%	298		
60°	18.4%	686		
80°	22.1%	823		
90°	1.7%	63		

BACK LIGHT	BL	BM	BH	BVH
30°	7.9%	295		
60°	17.8%	663		
80°	22.2%	826		
90°	1.9%	71		

UPLIGHT	UL	UH
100°	0%	0
180°	0%	0



Mounting Height	Multiplier
10	4.000
15	1.778
20	1.000
25	0.640
30	0.444
35	0.327
40	0.250
45	0.198
50	0.160

UPLIGHT 0%  
DOWNLIGHT 100%

AAL reserves the right to change product specifications without notice.

IES files can be found at [www.aal.net](http://www.aal.net)

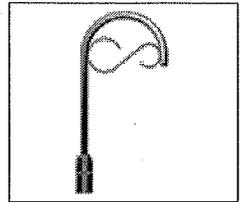


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# TRA8/TRA8-2- Period Pole Mount Arms

TYPE

RESET



TRA8

1. ARM

2. COLOR

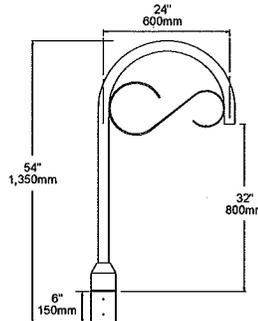
## 1. ARM

- TRA8 (Single arm. Weight: 13 lbs. EPA: 1.34)
- TRA8-2 (Twin arms. Weight: 21 lbs. EPA: 2.68)

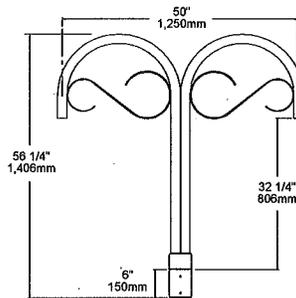
## 2. COLOR

- |   |   |
|---|---|
| <input type="checkbox"/> AWT (Arctic White)     | <input type="checkbox"/> CRT (Corten)         |
| <input type="checkbox"/> BLK (Black)            | <input type="checkbox"/> MAL (Matte Aluminum) |
| <input type="checkbox"/> MTB (Matte Black)      | <input type="checkbox"/> MDG (Medium Grey)    |
| <input type="checkbox"/> DGN (Dark Green)       | <input type="checkbox"/> ATG (Antique Green)  |
| <input type="checkbox"/> DBZ (Dark Bronze)      | <input type="checkbox"/> LGY (Light Grey)     |
| <input type="checkbox"/> WRZ (Weathered Bronze) | <input type="checkbox"/> RAL/PREMIUM          |
| <input type="checkbox"/> BRM (Metallic Bronze)  | COLOR (Provide RAL)                           |
| <input type="checkbox"/> VBL (Verde Blue)       | <input type="checkbox"/> CUSTOM COLOR         |
|   | (Provide color chip for matching)             |

## DIMENSIONS



TRA8 (4" pole)



TRA8-2 (4" pole)

## SPECIFICATIONS

The arm shall be of one piece unitized aluminum construction, fully welded and assembled. The slip fitter shall be cast aluminum with an internal wireway and pole stop. The arm shall be prewired with a quick connector for easy installation.

The arm shall have a cast aluminum fitter welded to the top of the arm(s) for attaching the fixture. The fixture shall be mounted with three stainless steel bolts through the top of the arm fitter into the fixture. The attachment point shall have a silicone pad for sealing the fixture to arm connection.

The arm shall slip over a 4"/100mm diameter pole or tenon. The cast aluminum slip fitter shall have six stainless steel cup point set screws for securing the arm to the pole or tenon.

[ CLEAR ]

JOB	_____
TYPE	_____
NOTES	_____



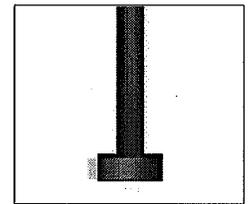
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# PR4 – Aluminum Pole

TYPE

RESET

## 4" ROUND (RD) POLE



PR4

1. BASE	2. POLE	3. OAH	4. COLOR
DB3	4R10-125	10 (3.1m)	

1. BASE	2. POLE	3. OAH	SHAFT	WT	MAXIMUM ALLOWABLE EPA (MPH)												
					85	90	100	110	120	130	140	150					
<input type="checkbox"/> PR4	4R10-125	10' (3.1m)	4" RD x .125"	25	19.4	17.1	13.5	10.8	8.9	7.4	6.3	5.5					
<input type="checkbox"/> PR4	4R12-125	12' (3.7m)	4" RD x .125"	28	15.3	13.4	10.5	8.3	6.7	5.6	4.7	4.0					
<input type="checkbox"/> PR4	4R14-125	14' (4.3m)	4" RD x .125"	32	12.3	10.7	8.2	6.3	5.0	4.1	3.4	2.9					
<input type="checkbox"/> PR4	4R16-125	16' (4.9m)	4" RD x .125"	35	10.0	8.6	6.4	4.8	3.6	2.9	2.4	2.0					
<input type="checkbox"/> PR4	4R10-226	10' (3.1m)	4" RD x .226"	38	23.8	21.0	16.7	13.5	11.1	9.3	8.0	6.9					
<input type="checkbox"/> PR4	4R12-226	12' (3.7m)	4" RD x .226"	44	19.2	16.9	13.3	10.6	8.6	7.2	6.1	5.3					
<input type="checkbox"/> PR4	4R14-226	14' (4.3m)	4" RD x .226"	51	15.9	13.9	10.8	8.4	6.8	5.6	4.7	4.0					
<input type="checkbox"/> PR4	4R16-226	16' (4.9m)	4" RD x .226"	57	12.4	12.3	9.4	7.3	5.7	4.7	4.0	3.3					
<input type="checkbox"/> PR4	4R18-226	18' (5.5m)	4" RD x .226"	63	11.7	10.0	7.5	5.6	4.3	3.5	2.9	2.4					
<input type="checkbox"/> PR4	4R20-226	20' (6.2m)	4" RD x .226"	70	9.5	8.1	5.9	4.2	3.1	2.4	1.9	1.6					

Note: Overall height is measured to top of pole.

### SPECIFICATIONS

Base shall be cast aluminum #356 alloy, free of any porosity, foreign materials, or cosmetic fillers. Base casting shall be heat treated to a T-6 condition, and of uniform wall thickness, with no warping or mold shifting.

### WARNINGS

Caution must be exercised in the selection of a design wind speed when the pole is to be installed in a special wind region (as indicated by the wind map) or in an area where wind speed is unpredictable.

AAL recommends consulting a local engineer when the pole is to be installed in an area that may be subject to extreme weather and exposure

Poles installed on structures such as buildings and bridges may be subjected to vibration, oscillations, and other fatigue effects which are not covered by the AAL warranty.

The use of banners or other appendages can severely affect the loading of a pole. No banner or other appendage should be attached to an AAL pole unless approved by AAL.

If the products are to be used on an existing foundation or on other structures, the customer assumes all responsibility for the structural integrity of the existing foundation, anchorage or structures and all the consequences arising therefrom.

### CAUTION

Poles should never be erected without the luminaire installed. Warranty is voided if the pole is erected without the luminaire. The warranty is voided if the pole is not grouted under the entire base after installation.

Anchor bolts shall be hot dip galvanized steel. Eight galvanized hex nuts and flat washers, and a bolt circle template shall be provided. Anchor bolt for poles are 3/4" x 24" x 3".

### 4. COLOR

- |   |   |
|---|---|
| <input type="checkbox"/> AWT (Arctic White)     | <input type="checkbox"/> CRT (Corten)         |
| <input type="checkbox"/> BLK (Black)            | <input type="checkbox"/> MAL (Matte Aluminum) |
| <input type="checkbox"/> MTB (Matte Black)      | <input type="checkbox"/> MDG (Medium Grey)    |
| <input type="checkbox"/> DGN (Dark Green)       | <input type="checkbox"/> ATG (Antique Green)  |
| <input type="checkbox"/> DBZ (Dark Bronze)      | <input type="checkbox"/> LGY (Light Grey)     |
| <input type="checkbox"/> WRZ (Weathered Bronze) | <input type="checkbox"/> RAL/PREMIUM          |
| <input type="checkbox"/> BRM (Metallic Bronze)  | COLOR (Provide RAL)                           |
| <input type="checkbox"/> VBL (Verde Blue)       | <input type="checkbox"/> CUSTOM COLOR         |
|   | (Provide color chip for matching)             |

| CLEAR |

JOB	_____
TYPE	_____
NOTES	_____



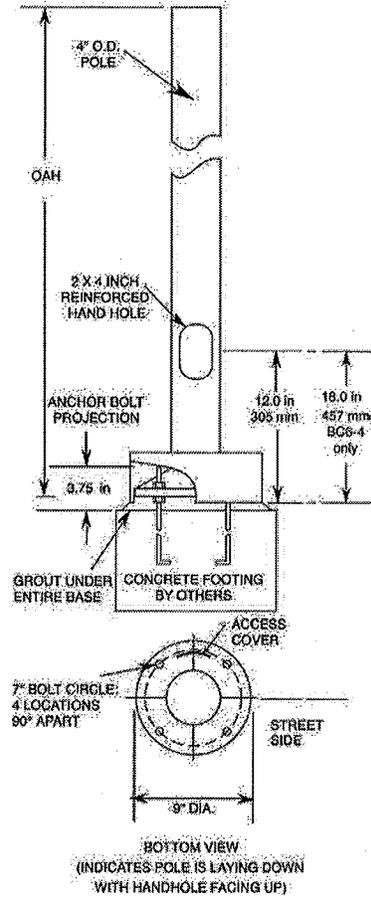
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# PR4 - Aluminum Pole

TYPE

4" ROUND (RD) POLE

## DIMENSIONS



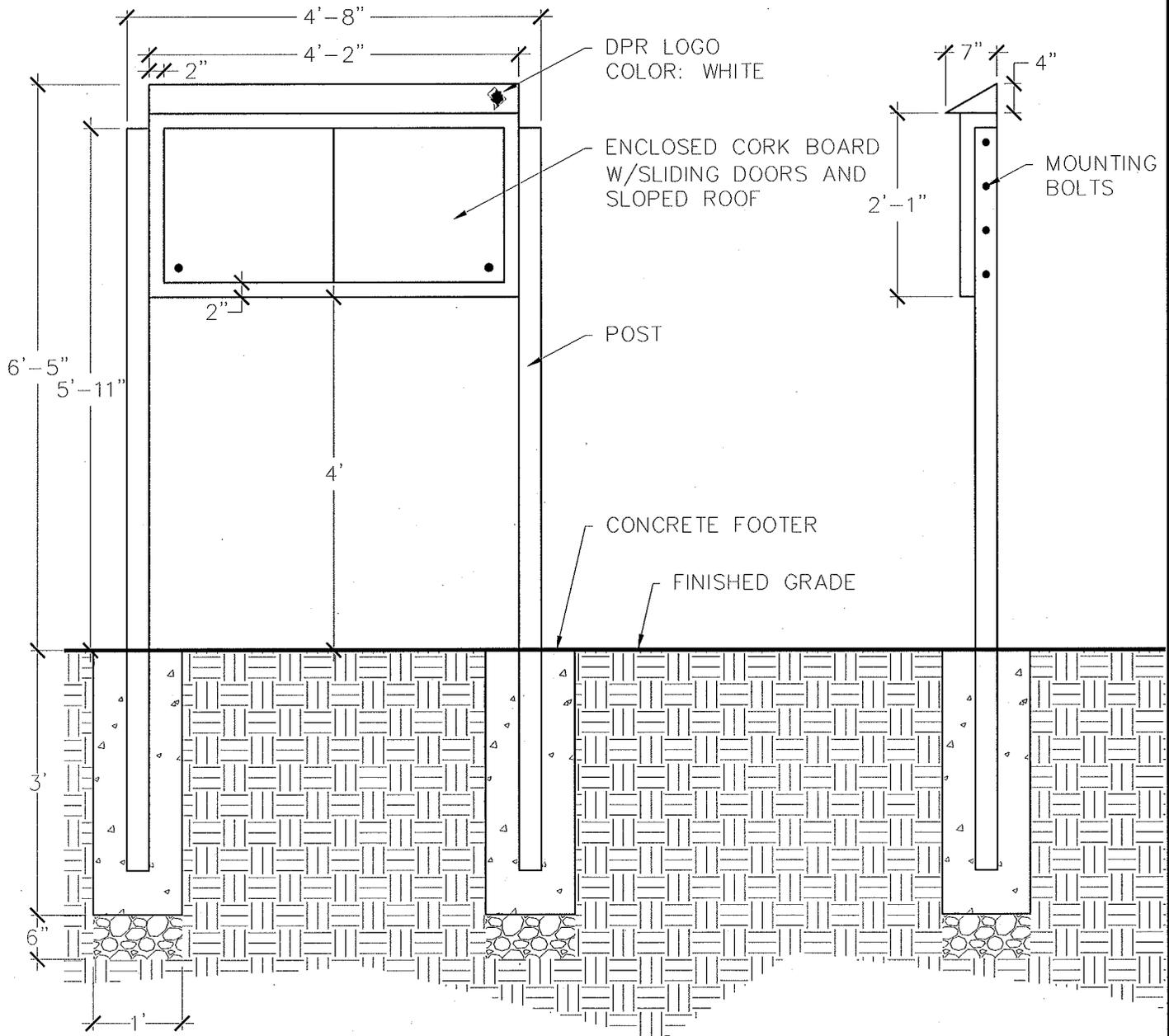
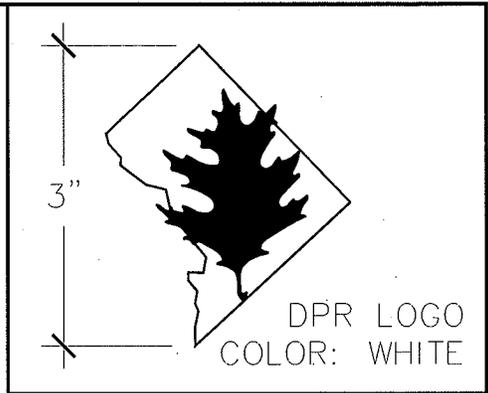
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# ATTACHMENT D - DPR STANDARD SIGNAGE

**NOTES**

VENDOR: BALDWIN DESIGN WORKS LTD.  
 KENNESAW, GA, 404-518-7688/  
 OR EQUAL

POSTS, RAILS, ROOF MATERIALS: 100% POST CONSUMER HDPE  
 POST, RAIL, COLOR: TUDOR BROWN OR EQUAL  
 ROOF, COLOR: TURF GREEN OR EQUAL



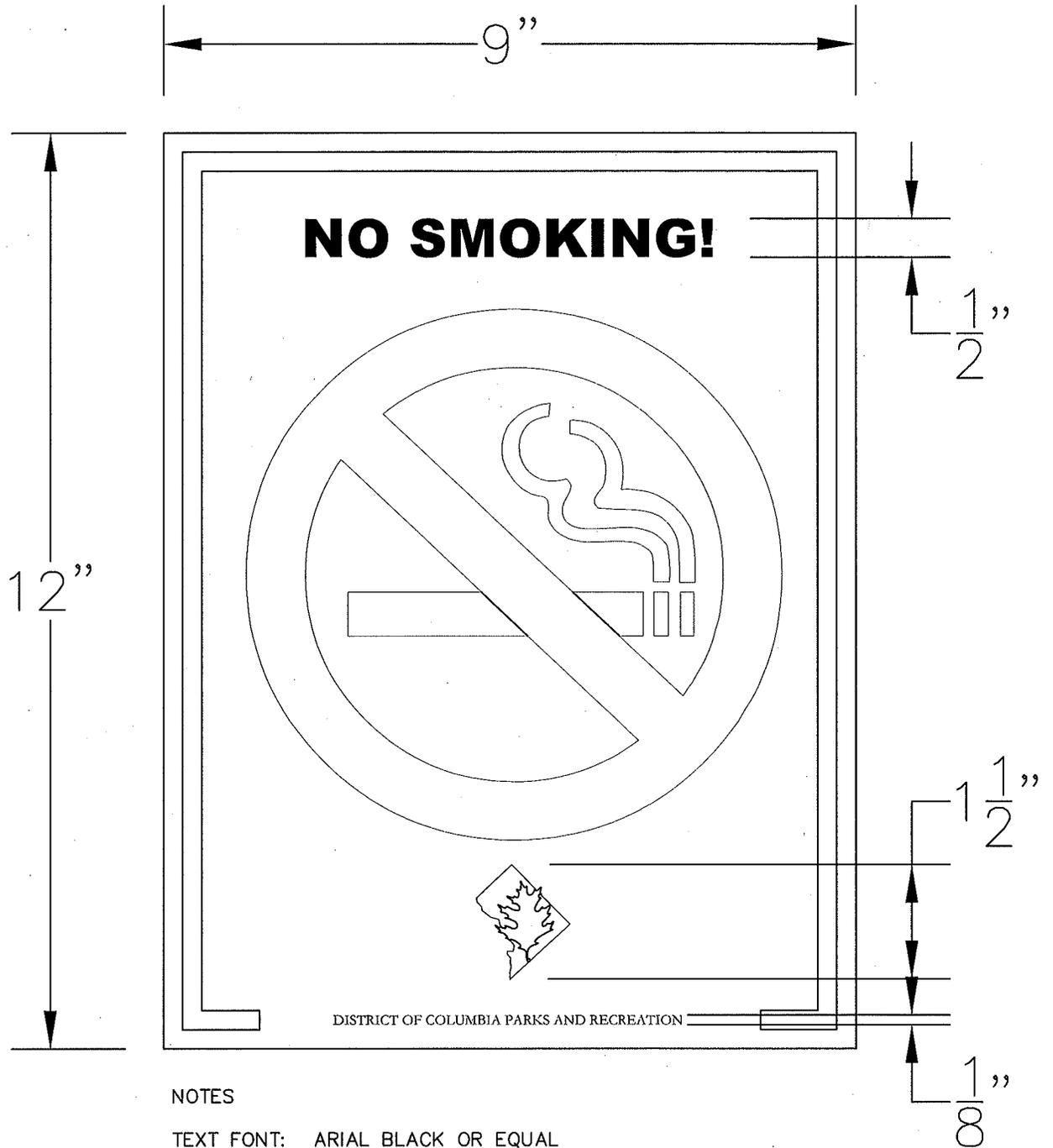
DATE	10/27/09
SCALE	NO SCALE
TYPE	DETAIL

NORTH  
 NA

TITLE  
 MESSAGE BOARD

DISTRICT OF COLUMBIA  
 DEPARTMENT OF PARKS AND RECREATION  
 Office of Planning & Capital Projects  
 Main Office: 3149 16th Street, N.W.  
 Washington, D.C. 20010  
 202-673-7647  
 www.dpr.dc.gov





**NOTES**

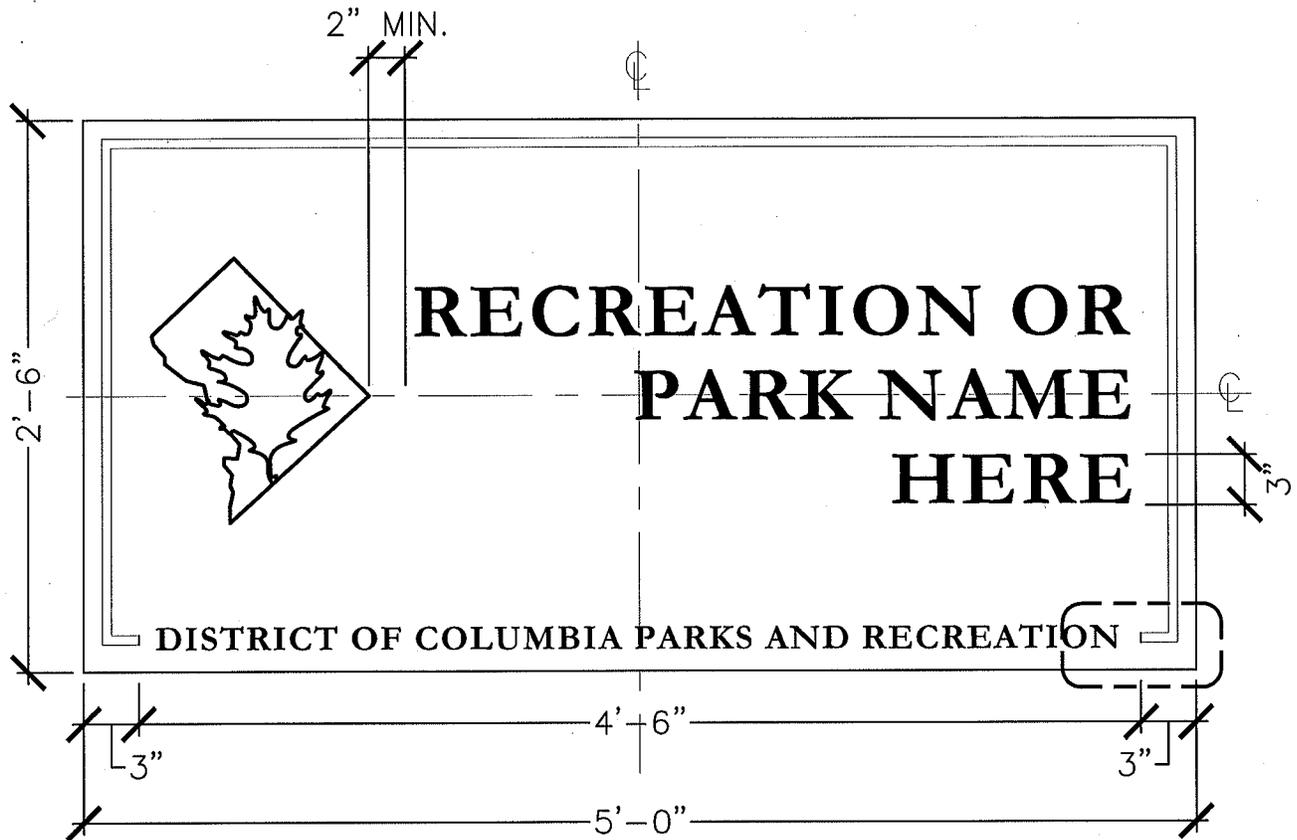
TEXT FONT: ARIAL BLACK OR EQUAL  
 AGENCY FONT: GARAMOND, TIMES NEW ROMAN, OR EQUAL

FIELD COLOR: DARK GREEN (PANTONE 553 C)  
 TEXT, BORDER, DPR GRAPHIC, IMAGE GRAPHIC COLOR: WHITE (PANTONE 7485 C)  
 CIRCLE SYMBOL COLOR: RED (PANTONE 192 C)

BORDER: 1/4", OFFSET 1/4" FROM EDGE

COLORS SHOWN HERE ARE ILLUSTRATIVE ONLY

DATE 10/13/10	NORTH NA	TITLE NO SMOKING SIGN	DISTRICT OF COLUMBIA DEPARTMENT OF PARKS AND RECREATION	
SCALE NO SCALE			Office of Planning & Capital Projects Main Office: 3149 16th Street, N.W. Washington, D.C. 20010 202-673-7647 www.dpr.dc.gov	
TYPE DETAIL				

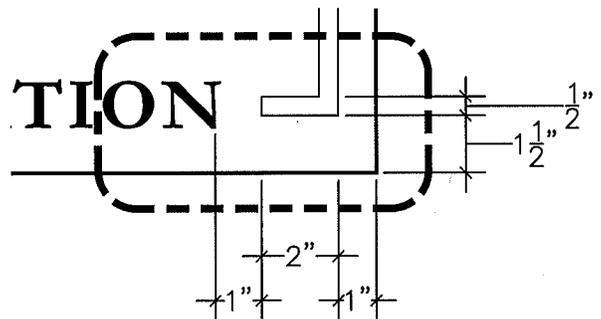


**NOTES**

**COLORS:**

- TEXT = PANTONE 7485 C
- BORDER = PANTONE 7485 C
- LOGO = PANTONE 7485 C
- BACKGROUND = 553 C
- POST AND FINIAL = 553 C

LETTERING IS 3M CAST VINYL  
 PARK NAME TEXT IS 3" TYP., RIGHT-JUSTIFIED  
 DEPARTMENT TEXT IS 1.5"



PANEL = 0.120 ALUMINUM, REINFORCED WITH INTERIOR 2.0" ALUMINUM SQUARE TUBING  
 PANEL FRAME = 1/8" WALL-WELDED FRAME WITH MITERED CORNERS, WELDED TO POST, FRAME TO RUN FULL PERIMETER OF PANEL  
 PANEL BACK = BACK OF SIGN TO HAVE 0.120 ALUMINUM PANEL WELDED TO FRAME AND POST  
 VERIFY WHETHER PANEL IS TO BE ONE-SIDED OR DOUBLE-SIDED  
 COORDINATE MOUNTING DETAIL WITH VENDOR

DATE 08/11/2010	NORTH NA	TITLE SIGN, PARK IDENTIFICATION	DISTRICT OF COLUMBIA DEPARTMENT OF PARKS AND RECREATION	
SCALE NO SCALE			Office of Planning & Capital Projects Main Office: 3149 16th Street, N.W. Washington, D.C. 20010 202-673-7647 www.dpr.dc.gov	
TYPE DETAIL				



NOTES

FONT: GARAMOND, TIMES NEW ROMAN, OR EQUAL  
 CHARACTER, BORDER AND GRAPHIC COLOR: WHITE (PANTONE 7485 C)  
 FIELD COLOR: DARK GREEN (PANTONE 553 C)  
 BORDER: 1/4", OFFSET 1/4" FROM EDGE

DATE 10/05/09	REVISION NA	TITLE PLAYGROUND SIGN, 2-5 YEARS OLD	DISTRICT OF COLUMBIA DEPARTMENT OF PARKS AND RECREATION  Office of Planning & Capital Projects Main Office: 3149 16th Street, N.W. Washington, D.C. 20010 202-673-7647 www.dpr.dc.gov	
SCALE NO SCALE				
TYPE DETAIL				



NOTES  
 FONT: GARAMOND, TIMES NEW ROMAN, OR EQUAL  
 CHARACTER, BORDER AND GRAPHIC COLOR: WHITE (PANTONE 7485 C)  
 FIELD COLOR: DARK GREEN (PANTONE 553 C)  
 BORDER: 1/4", OFFSET 1/4" FROM EDGE

DATE 11/20/13	WORK NA	TITLE PLAYGROUND SIGN, 2-12 YEARS OLD	DISTRICT OF COLUMBIA DEPARTMENT OF PARKS AND RECREATION	
SCALE NO SCALE			Office of Planning & Capital Projects Main Office: 3149 16th Street, N.W. Washington, D.C. 20010 202-673-7647 www.dpr.dc.gov	
TYPE DETAIL				

32"

1 1/2"

3/4"

1 1/2"  
Dia.  
Typ.

24"

# PLAYGROUND RULES

PLAYGROUND IS OPEN FROM DAWN TO DUSK

## YES



RUNNING



JUMPING



EXPLORING



CHILDREN SHALL BE ACCOMPANIED BY AN ADULT

## NO



PETS



BARE FEET (EXCEPT IN SPLASH PARK AREA)



GLASS CONTAINERS



SHARP SHOES (CLEATS, HIGH HEELS, ETC.)

DISTRICT OF COLUMBIA PARKS AND RECREATION



# REGLAMENTO DEL PARQUE INFANTIL

EL PARQUE ABRE DESDE EL AMANECER HASTA EL ANOCHECER

## sí es permitido



CORRER



SALTAR



EXPLORAR



LOS NIÑOS DEBEN ESTAR ACOMPAÑADOS DE UN ADULTO

## NO es permitido



MASCOTAS



PIES DESCALZOS (EXCEPTO EN EL ÁREA DE CHAPOTEADERO)



ENVASES DE VIDRIO



ZAPATOS FILOSOS (TACOS DE FUTBOL, TACONES ALTOS, ETC.)

DEPARTAMENTO DE PARQUES Y RECREACIÓN DEL DISTRITO DE COLOMBIA

White Copy Reverse Masked and Clear Coat Finish

125 Thk. Alum. Finished PMS 553c

1 1/2"

Scale: 3" = 1'-0"

Single Face Alum. Sign

Qty: TBD

- \*1 Sign Made to Look Like 2
- \*125 Thk. Alum. Finished PMS 553c
- \*Back of Sign Finished PMS 553c
- \*Sign to have a Matthews Clear Coat Finish
- \*Seal w/ Anti-Graffiti Barrier
- \*Holes TBD

1'-0"

White Copy and Pictograms  
Reverse Masked  
and Clear Coat Finish

3/4"

5/16"

4" Typ.

3/8" TYP.

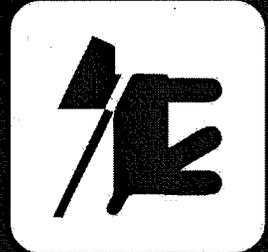
.080 Tk. Alum.  
Finished PMS 553c

# PARK GUIDELINES

Please Respect your Parks and Recreation Centers  
Park Closes at Dark



No Motorized Vehicles



Keep Pets on Leash



No Smoking



No Alcohol  
Within Park Area



DISTRICT OF COLUMBIA PARKS AND RECREATION

Single Face Alum. Sign  
Qty: TBD  
Scale: Half

- \*.125 Thk. Alum. Finished PMS 553c
- \*Back of Sign Finished PMS 553c
- \*Sign to have a Matthews Clear Coat Finish
- \*Seal w/ Anti-Graffiti Barrier (Anti-Graffiti Barrier is "Seal" Overlaminated)
- \*Mounting Method TBD

Date: \_\_\_\_\_

Client's signature required for approval prior to fabrication.

**GELBERG Signs**  
Year Sign of Success Since 1941  
6511 Chillum Place, NW  
Washington, D.C. 20012  
(202) 862-7733  
www.gelbergsigns.com

This design concept is the property of GELBERG SIGNS, INC. and cannot be copied, duplicated or manufactured in whole or part without written consent of GELBERG SIGNS, INC.

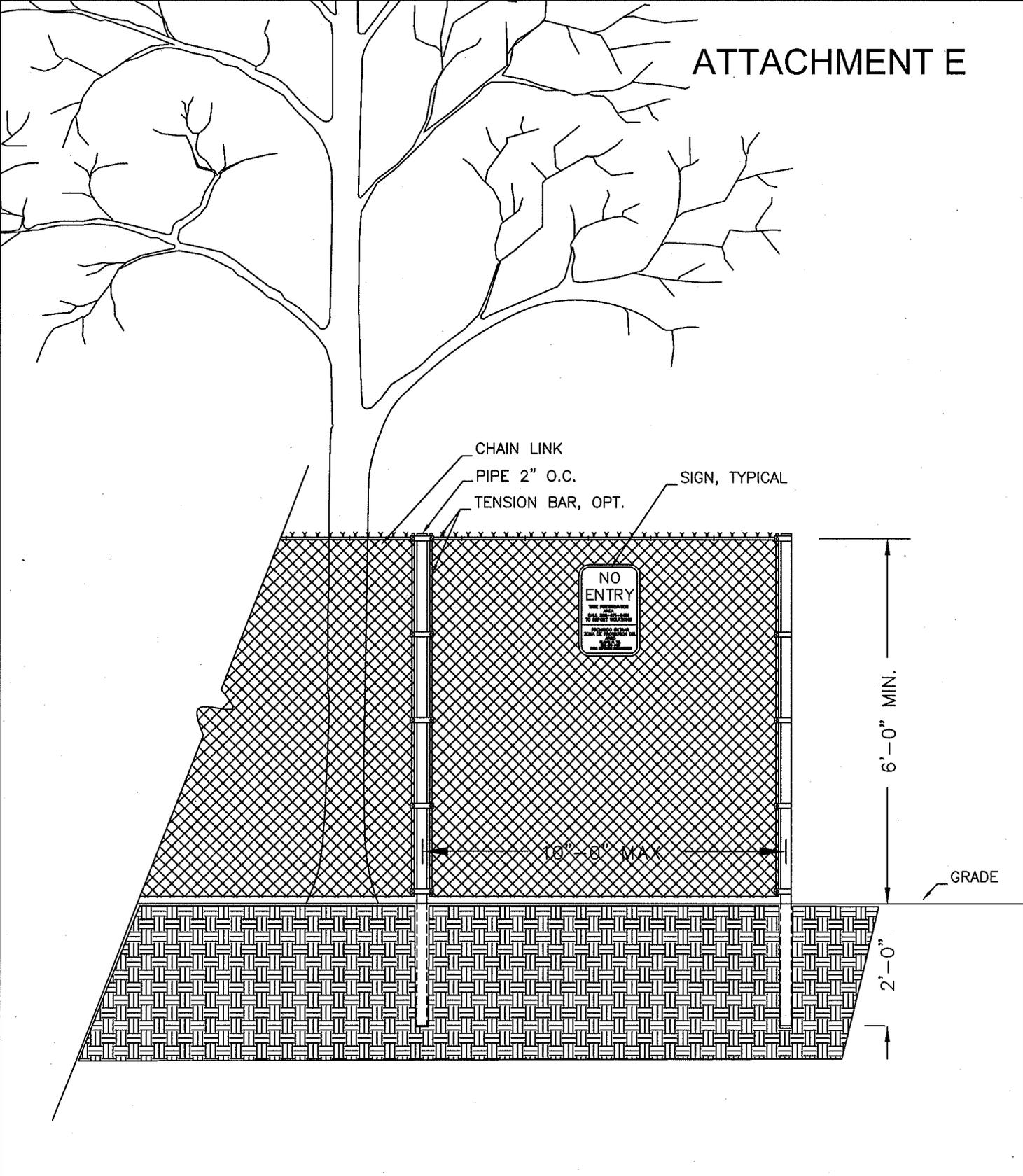
Client:	DODPR
Project:	Various Locations
Submital Date:	06 / 19 / 13
Revision 1:	07 / 09 / 13 MM
Revision 2:	07 / 09 / 13 MM
Revision 3:	
Revision 4:	
Revision 5:	
Designer:	MM
Sales Rep.:	P.M.
CT	N/A
Project #:	
Scale:	AS NOTED
Sheet No.:	
Sign Type:	PGLD



NOTES  
 FONT: GARAMOND, TIMES NEW ROMAN, OR EQUAL  
 CHARACTER, BORDER AND GRAPHIC COLOR: WHITE (PANTONE 7485 C)  
 FIELD COLOR: DARK GREEN (PANTONE 553 C)  
 BORDER: 1/4", OFFSET 1/4" FROM EDGE

DATE 10/05/09	NORTH NA	TITLE SIGN, PARK HOURS	DISTRICT OF COLUMBIA DEPARTMENT OF PARKS AND RECREATION	
SCALE NO SCALE			Office of Planning & Capital Projects Main Office: 3149 16th Street, N.W. Washington, D.C. 20010 202-673-7647 <a href="http://www.dpr.dc.gov">www.dpr.dc.gov</a>	
TYPE DETAIL				

# ATTACHMENT E



DATE	10/05/09
SCALE	NO SCALE
TYPE	DETAIL

NORTH  
NA

TITLE  
TREE PROTECTION FENCE,  
ELEVATION

DISTRICT OF COLUMBIA  
DEPARTMENT OF PARKS AND RECREATION  
  
Office of Planning & Capital Projects  
Main Office: 3149 16th Street, N.W.  
Washington, D.C. 20010  
202-673-7647  
www.dpr.dc.gov



**TREE PROTECTION FENCING NOTES**

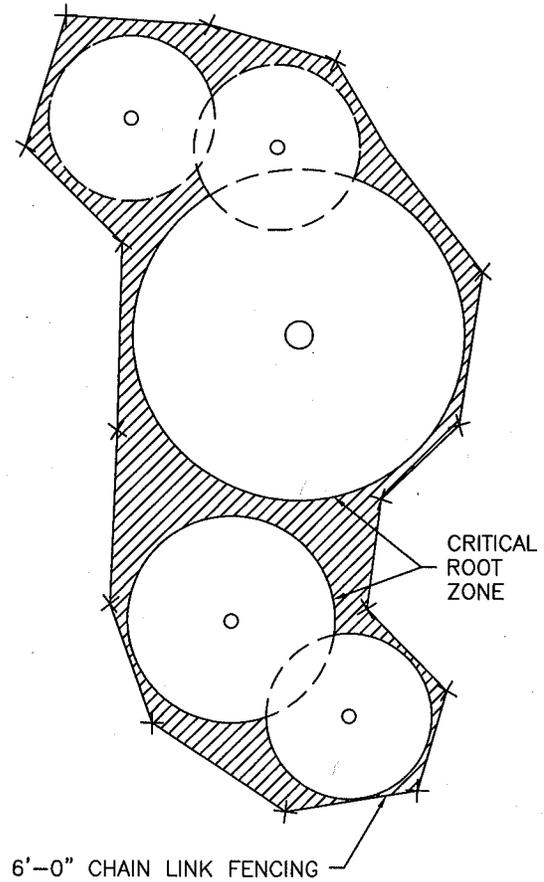
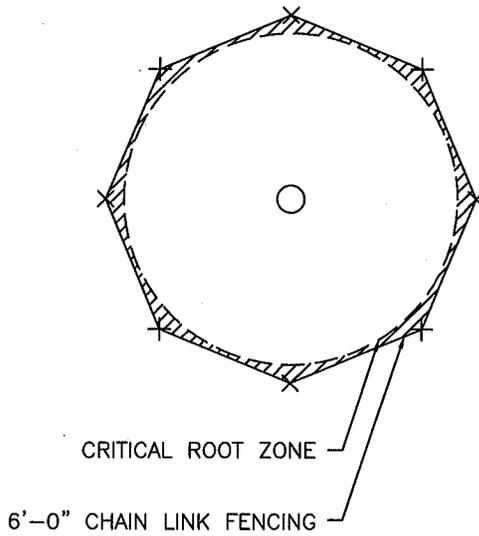
1. Tree protection shall be a minimum of 6'-0" high chain link fence mounted on vertical pipes driven 2'-0" into the ground, at approximately 8'-0" to 10'-0" (max.) on center, with no gates.

In areas where super silt fence (SSF) and the tree protection fence run parallel, SSF may be utilized for tree protection purposes upon approval by DPR.

2. Tree protection fencing shall be erected at the critical root zone or beyond prior to start of any clearing, grading or other construction activity.

3. Signs stating "No Entry, Tree Protection Area, Call 202-671-0421 to report violations" are to be posted in both English and Spanish.

4. Tree protection shall not be removed until completion of all construction activity and approval of DPR.



DATE 10/05/09	NORTH NA	TITLE TREE PROTECTION FENCE, PLAN	DISTRICT OF COLUMBIA DEPARTMENT OF PARKS AND RECREATION  Office of Planning & Capital Projects Main Office: 3149 16th Street, N.W. Washington, D.C. 20010 202-673-7647 www.dpr.dc.gov	
SCALE NO SCALE				
TYPE DETAIL				

12"

18"



DATE  
10/05/09

SCALE  
NO SCALE

TYPE  
DETAIL

NO. OR  
NA

TITLE  
TREE PROTECTION FENCE,  
SIGN

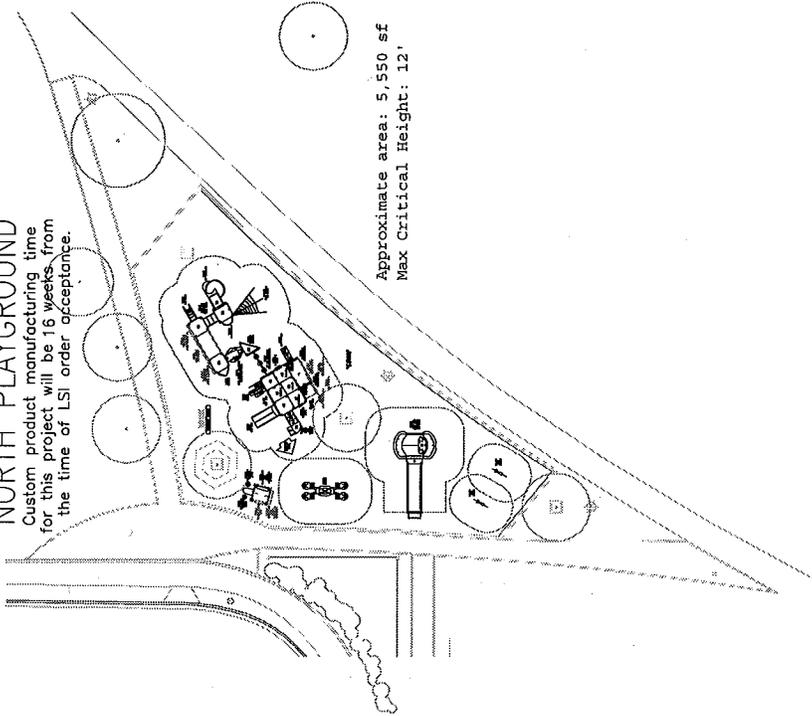
DISTRICT OF COLUMBIA  
DEPARTMENT OF PARKS AND RECREATION

Office of Planning & Capital Projects  
Main Office: 3149 16th Street, N.W.  
Washington, D.C. 20010  
202-673-7647  
www.dpr.dc.gov



ATTACHMENT F

**NORTH PLAYGROUND**  
 Custom product manufacturing time for this project will be 16 weeks from the time of LSI order acceptance.

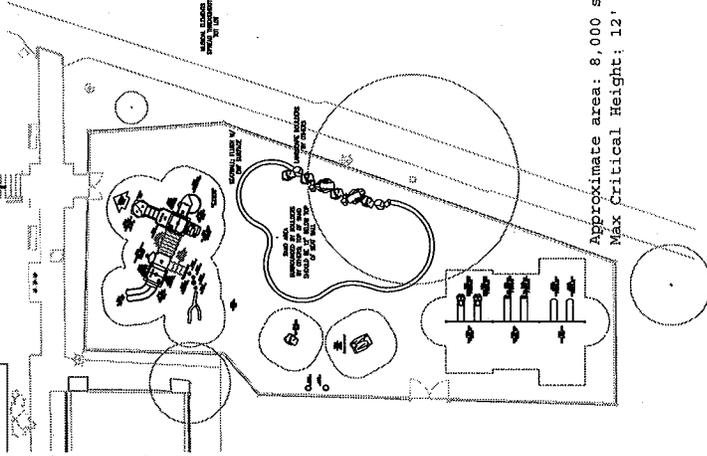


Approximate area: 5,550 sf  
 Max Critical Height: 12'

NORTH PLAYGROUND: 5-12 AREA

TOTAL ELEVATED PLAY COMPONENTS	12	0	REQUIRED	6
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY RAMP	6	6	REQUIRED	6
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY TRANSFER	7	7	REQUIRED	4
TOTAL ACCESSIBLE GROUND LEVEL COMPONENTS SHOWN	6	6	REQUIRED	6
TOTAL DIFFERENT TYPES OF GROUND LEVEL COMPONENTS	6	6	REQUIRED	6

**SOUTH PLAYGROUND**  
 Custom product manufacturing time for this project will be 6 weeks from the time of LSI order acceptance.



Approximate area: 8,000 sf  
 Max Critical Height: 12'

SOUTH PLAYGROUND: 2-5 AREA

TOTAL ELEVATED PLAY COMPONENTS	6	0	REQUIRED	3
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY RAMP	6	6	REQUIRED	2
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY TRANSFER	11	11	REQUIRED	6
TOTAL ACCESSIBLE GROUND LEVEL COMPONENTS SHOWN	6	6	REQUIRED	6
TOTAL DIFFERENT TYPES OF GROUND LEVEL COMPONENTS	6	6	REQUIRED	6



IT IS THE MANUFACTURER'S OPINION AND INTENTION TO USE AN APPROVED MANUFACTURING PROCESS AND TO COMPLY WITH THE AIA ACCESSIBILITY STANDARDS SOCIETY FOR TESTING AND MATERIALS (ASTM) STANDARD SPECIFICATION FOR PLAYGROUND SAFETY SURFACING WITH FIRST

THIS PLAN AND ELEVATIONS IS DESIGNED FOR A 2-12 YEARS UNLESS OTHERWISE NOTED ON PLAN

IT IS THE MANUFACTURER'S OPINION THAT THE MANUFACTURING PROCESS TO BE USED TO CONSTRUCT THIS PLAYGROUND WILL ASSURE AN ACCESSIBLE PROTECTIVE SURFACING WITHIN THE USE ZONE.

THIS CONCEPTUAL PLAN WAS BASED ON INFORMATION AVAILABLE TO US PRIOR TO VISITING THE SITE. THE MANUFACTURER WILL CONDUCT A VISUAL SURVEY OF THE SITE PRIOR TO MANUFACTURING. THE MANUFACTURER WILL CONDUCT A VISUAL SURVEY OF THE SITE PRIOR TO MANUFACTURING. THE MANUFACTURER WILL CONDUCT A VISUAL SURVEY OF THE SITE PRIOR TO MANUFACTURING.

CHOOSE A PROTECTIVE SURFACING MATERIAL THAT MEETS THE REQUIREMENTS OF THE AIA ACCESSIBILITY STANDARDS SOCIETY FOR TESTING AND MATERIALS (ASTM) STANDARD SPECIFICATION FOR PLAYGROUND SAFETY SURFACING WITHIN THE USE ZONE.

DESIGNED BY:

CIB  
 CORPORATION  
 1000 WEST 10TH AVENUE  
 DENVER, CO 80202  
 TEL: 303-733-4400 FAX: 303-733-4401

Title	Prepared Drawing #	Index



SYSTEM TYPE:  
**PLAYBOOSTER**  
 DRAWING #:  
 69085-1-5

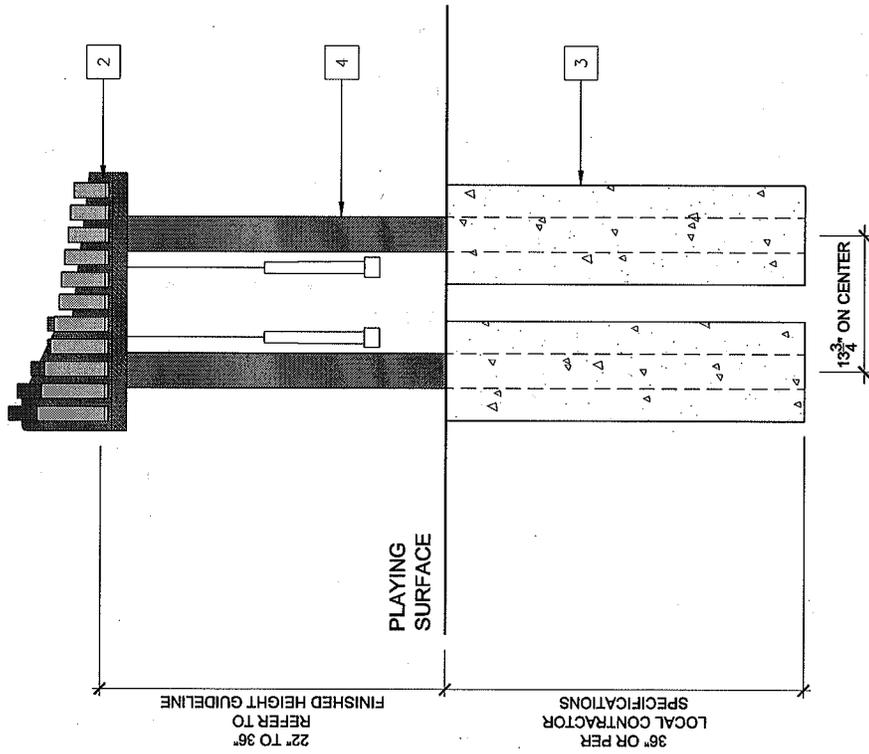
**SPARKS @ PLAY**  
 SEAN BRIGGS

ROSE PARK

**INSTALLATION NOTES :**

1. INSPECT INSTRUMENT FOR DAMAGE DURING SHIPMENT.
2. LAY INSTRUMENT BAR SIDE DOWN ON THE GROUND ON SOME OF THE WHITE PACKING FOAM.
3. EXCAVATE TWO (2) 10" DIAMETER HOLES 36" DEEP AND 13 3/4" ON CENTER AT INSTALLATION LOCATION. \* CONTRACTOR CAN MODIFY LEGS (RECOMMEND CIRCULAR SAW) TO FIT SITE. LEG LENGTH = [DESIRED FROST DEPTH (36" RECOMMENDED)] + [FINISHED HEIGHT GUIDELINE FOR AGE].
4. PLACE INSTRUMENT CAREFULLY ON GROUND W/ BARS FACE DOWN. INSERT LEGS INTO LEG BRACKETS. ANCHOR LEGS TO LEG BRACKETS W/ (8) 2" TAMPER-RESISTANT SCREWS USING THE SECURITY DRIVER PROVIDED. USING TWO PEOPLE, GENTLY LOWER INSTRUMENT INTO HOLES. CHECK HEIGHT FROM MIDDLE OF BARS TO GROUND - REFER TO FINISHED HEIGHT GUIDELINE.  
FINISHED HEIGHT GUIDELINE :  
(APPROXIMATE HEIGHT TO CENTER OF NOTE BAR)  
AGES 3-5 : 22"  
AGES 5-7 : 27"  
AGES 7-11 : 32"  
ADULT : 36"
5. PLACE THE LEGS OF THE ASSEMBLED INSTRUMENT INTO THE HOLES. VERIFY THE CORRECT PLACEMENT OF THE INSTRUMENT, LEVEL AND PLUMB OF THE INSTRUMENT, AND HEIGHT ABOVE GRADE. THEN POUR CONCRETE AROUND THE LEGS. CHECK FOR PLUMB AND BRACE THE INSTRUMENT ASSEMBLY TO HOLD IT RIGID DURING THE CURING PROCESS. LEAVE TO SET ACCORDING TO THE CONCRETE MANUFACTURER'S GUIDELINES.

**ATTACHMENT G**



ALL DRAWINGS ARE NOT TO SCALE

**INSTALLATION GUIDE**

**MERRY**

15 JANUARY 2013

PAGE 1 OF 1



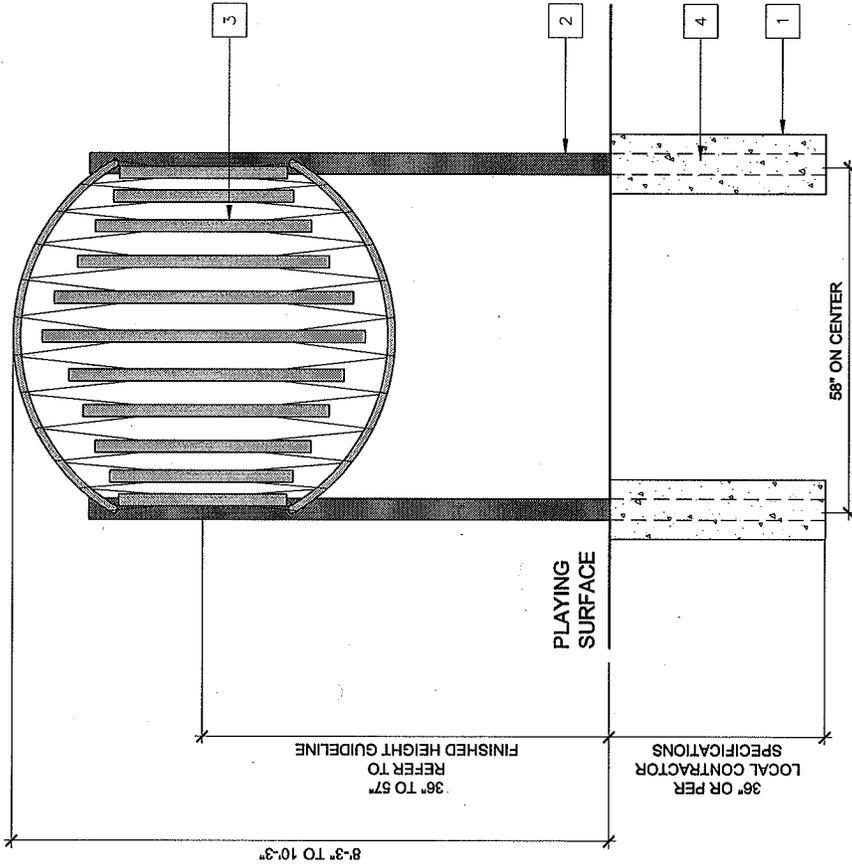
**FREENOTES HARMONY PARK**  
 171 SUTTLE STREET, SUITE B  
 DURANGO CO 81303  
 TEL : (970) 375-7625  
 FAX : (970) 247-0666  
 EMAIL : INFO@FREENOTESHARMONYPARK.COM  
 WWW.FREENOTESHARMONYPARK.COM

©2013, FREENOTES HARMONY PARK

REVISION	DESCRIPTION	DATE	CHK	APPD

**INSTALLATION NOTES :**

1. EXCAVATE TWO (2) 10" DIAMETER HOLES 36" DEEP AND 58" ON CENTER AT INSTALLATION LOCATION. \*CONTRACTOR CAN MODIFY LEGS (RECOMMEND CIRCULAR SAW) TO FIT SITE. LEG LENGTH = [DESIRED FROST DEPTH (36" RECOMMENDED)] + FINISHED HEIGHT GUIDELINE FOR AGE].
2. REMOVE THE BRACING BAR FROM THE BOTTOM OF THE LEGS. TAKE CARE WHEN HANDLING THE CHIMES UNTIL THEY ARE IN CONCRETE.
3. CAREFULLY PLACE THE INSTRUMENT INTO THE EXCAVATED HOLES. VERIFY THE CORRECT PLACEMENT OF THE INSTRUMENT, LEVEL AND PLUMB OF THE INSTRUMENT, AND HEIGHT ABOVE GRADE. VERIFY THE FINISHED HEIGHT OF THE INSTRUMENT WITH THE AGE RANGE OF THE PLAYERS.  
 FINISHED HEIGHT GUIDELINE :  
 (APPROXIMATE HEIGHT TO CENTER OF BARS)  
 AGES 3-5 : 36"  
 AGES 5-7 : 40"  
 AGES 7-11 : 48"  
 ADULT : 57"
4. POUR CONCRETE AROUND THE LEGS. CHECK BOTH LEGS FOR PLUMB AND BRACE THE INSTRUMENT ASSEMBLY TO HOLD IT RIGID DURING THE CURING PROCESS. LEAVE TO SET ACCORDING TO THE CONCRETE MANUFACTURER'S GUIDELINES.



ALL DRAWINGS ARE NOT TO SCALE

**INSTALLATION GUIDE**

**SATURN'S CHIMES**

5 MAY 2011

PAGE 1 OF 1



**FREENOTES HARMONY PARK**  
 360 SHEVANDOAH DRIVE  
 HESPERUS CO 91235  
 TEL : (970) 375-7825  
 FAX : (970) 247-0666  
 EMAIL :  
 INFO@FREENOTESHARMONYPARK.COM  
 WWW.FREENOTESHARMONYPARK.COM  
 ©2010, FREENOTES HARMONY PARK

REVISION	DESCRIPTION	DATE	CHK	APP'D

**Attachment B**

**Offer Letter and Schedule of Values**

Attachment B

[Offeror's Letterhead]

[Insert Date]

District of Columbia Department of General Services  
2000 14<sup>th</sup> Street, NW  
Washington, DC 20009

Att'n: Mr. Brian J. Hanlon  
Director

Reference: Request for Proposals  
Design-Build Services – Play Areas at Forest Hills Park and Rose Park

Dear Mr. Hanlon:

On behalf of [INSERT NAME OF BIDDER] (the "Offeror"), I am pleased to submit this proposal in response to the Department of General Services' (the "Department" or "DGS") Request for Proposals (the "RFP") to provide Design-Build services for Forest Hills Park and Rose Park. The Offeror has reviewed the RFP and the attachments thereto, any addenda thereto, and the proposed Form of Contract (collectively, the "Bid Documents") and has conducted such due diligence and analysis as the Offeror, in its sole judgment, has deemed necessary in order to submit its Proposal in response to the RFP. The Offeror's proposal, the Lump Sum Contract Price (as defined in paragraph A) and the add/alternate price (as defined in paragraph B) are based on the Bid Documents as issued and assume no material alteration of the terms of the Bid Documents. (Collectively, the proposal and the Lump Sum Contract Price (including Schedule of Values) and the add/alternate price are referred to as the "Offeror's Bid".)

The Offeror's Bid is as follows:

A. The Lump Sum Contract Price Forest Hills Park is: \$ \_\_\_\_\_

The Lump Sum Contract Price for Rose Park is: \$ \_\_\_\_\_

A schedule of values for each of the Lump Sum Contract Prices is attached hereto.

The Offeror acknowledges and understands that the Lump Sum Contract Price is a firm, fixed price to fully complete the work described in the RFP and attachments thereto and that such amount includes funding for work which is not describe in the RFP and attachments thereto but which is reasonably inferable therefrom.

In addition to the Lump Sum Contract Prices set forth above, lump sum add/alternate prices for the add/alternate scope items outlined in the Bid Documents are as follow:

B. Forest Hills Park

<u>Add/Alternate 1</u> : Chalk art wall	\$ _____
<u>Add/Alternate 2</u> : Entry pergola	\$ _____
<u>Add/Alternate 3</u> : Solid color safety surfacing	\$ _____
<u>Add/Alternate 4</u> : Leaf-themed safety surfacing	\$ _____
<u>Add/Alternate 5 (Deduct)</u> : Stone dust for play track	\$ _____
<u>Add/Alternate 6</u> : Asphalt for play track	\$ _____
<u>Add/Alternate 7</u> : Permeable pavers	\$ _____
<u>Add/Alternate 8</u> : Asphalt	\$ _____
<u>Add/Alternate 9</u> : Ten foot chain-link fence	\$ _____
<u>Add/Alternate 10a</u> : Permeable pavers path	\$ _____
<u>Add/Alternate 10b</u> : Asphalt path	\$ _____
<u>Add/Alternate 10c</u> : Stone dust path	\$ _____
<u>Add/Alternate 11</u> : Tennis practice backboard	\$ _____
<u>Add/Alternate 12</u> : Art memorial	\$ _____

Rose Park

<u>Add/Alternate 1</u> : Fitness equipment	\$ _____
<u>Add/Alternate 2</u> : Segmented block / retaining wall	\$ _____
<u>Add/Alternate 3</u> : Phase 1 archeological survey	\$ _____

The Offeror's Bid is based on and subject to the following conditions:

1. The Offeror agrees to hold its proposal open for a period of at least one hundred twenty (120) days after the date of the bid.
2. Assuming the Offeror is selected by the Department and subject only to the changes requested in paragraph 5, the Offeror agrees to enter into a contract with the Department on the terms and conditions described in the Bid Documents within ten (10) days of the notice of the award.
3. Both the Offeror and the undersigned represent and warrant that the undersigned has the full legal authority to submit this bid form and bind the Offeror to the terms of the Offeror's Bid. The Offeror further represents and warrants that no further action or approval must be obtained by the Offeror in order to authorize the terms of the Offeror's Bid.

Mr. Brian J. Hanlon

[DATE]

Page 3

4. The Offeror and its principal team members hereby represent and warrant that they have not: (i) colluded with any other group or person that is submitting a proposal in response to the RFP in order to fix or set prices; (ii) acted in such a manner so as to discourage any other group or person from submitting a proposal in response to the RFP; or (iii) otherwise engaged in conduct that would violate applicable anti-trust law.

5. The Offeror's proposal is subject to the following requested changes to the Form of Contract: [INSERT REQUESTED CHANGES. OFFERORS ARE ADVISED THAT THE CHANGES SO IDENTIFIED SHOULD BE SPECIFIC SO AS TO PERMIT THE DEPARTMENT TO EVALUATE THE IMPACT OF THE REQUESTED CHANGES IN ITS REVIEW PROCESS. GENERIC STATEMENTS, SUCH AS "A MUTUALLY ACCEPTABLE CONTRACT" ARE NOT ACCEPTABLE. OFFERORS ARE FURTHER ADVISED THAT THE DEPARTMENT WILL CONSIDER THE REQUESTED CHANGES AS PART OF THE EVALUATION PROCESS.]

6. The Offeror hereby certifies that neither it nor any of its team members have entered into any agreement (written or oral) that would prohibit any contractor, subcontractor or subconsultant that is certified by the District of Columbia Office of Department of Small and Local Business Enterprises as a Local, Small, Resident Owned or Disadvantaged Business Enterprise (collectively, "LSDBE Certified Companies") from participating in the work if another company is awarded the contract.

7. This bid form and the Offeror's Bid are being submitted on behalf of [INSERT FULL LEGAL NAME, TYPE OF ORGANIZATION, AND STATE OF FORMATION FOR THE OFFEROR].

Sincerely,

By: \_\_\_\_\_

Name: \_\_\_\_\_

Its: \_\_\_\_\_

GOVERNMENT OF THE DISTRICT OF COLUMBIA  
DEPARTMENT OF GENERAL SERVICES



**Design-Build Services**  
**Forest Hills**

<u>Item Description (per Concept Design)</u>	<u>Cost</u>
Demolition	
Erosion & Sediment Control	
Site Work (including ADA Ramps)	
Storm Water Management	
Electrical	
Plumbing	
Fencing	
Safety Surfacing (PIP and Mulch)	
Site Furnishings & Amenities	
Landscaping	
Permeable Paving	
Signage	
Basketball Court	
Deck	
Testing & Inspection	
Allowance for Play Equipment	\$ 250,000.00
Playground Equipment Freight & Installation	
Allowance for Fitness Equipment	\$ 25,000.00
Fitness Equipment Freight & Installation	
Total Construction Costs	<u>\$ 275,000</u>
Design/Engineering Costs (including Geotechnical & Arborist)	<u>\$ -</u>
Cost of Insurance	<u>\$ -</u>
Cost of Payment and Performance Bond	<u>\$ -</u>
<b>Total Lump Sum Price</b>	<b>\$ 275,000</b>

GOVERNMENT OF THE DISTRICT OF COLUMBIA  
DEPARTMENT OF GENERAL SERVICES



**Design-Build Services**  
**Rose Park**

<u>Item Description (per Concept Design)</u>	<u>Cost</u>
Demolition	
Erosion & Sediment Control	
Site Work (including ADA Ramps)	
Storm Water Management	
Electrical	
Plumbing	
Fencing	
Safety Surfacing (PIP and Mulch)	
Site Furnishings & Amenities	
Landscaping	
Permeable Paving	
Signage	
Resurfacing of Tennis Courts	
Testing & Inspection	
Allowance for Play Equipment	\$ 250,000.00
Playground Equipment Freight & Installation	
Allowance for Interpretive Sign	\$ 5,000.00
Total Construction Costs	<u>\$ 255,000</u>
Design/Engineering Costs (including Geotechnical & Arborist)	<u>\$ -</u>
Cost of Insurance	<u>\$ -</u>
Cost of Payment and Performance Bond	<u>\$ -</u>
<b>Total Lump Sum Price</b>	<b>\$ 255,000</b>

**Attachment C**

**Disclosure Statement**

Attachment C

The Offeror and each of its principal team members, if any, must submit a statement that discloses any past or present business, familiar or personal relationship with any of the following individuals:

A. D.C. Department of General Services

Brian J. Hanlon	Director
Scott Burrell	Chief Operating Officer
JW Lanum	Associate Director, Contracts and Procurement Division
Camille Sabbakhan	General Counsel
Charles J. Brown, Jr.	Deputy General Counsel
June Locker	Deputy Director, Capital Construction Services

Please identify any past or present business, familiar, or personal relationship in the space below. Use extra sheets if necessary.

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B. Leftwich & Ludaway

Thomas D. Bridenbaugh

Please identify any past or present business, familiar, or personal relationship in the space below. Use extra sheets if necessary.

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C. Brailsford & Dunlavey  
McKissack & McKissack

Please identify any past or present business, familiar, or personal relationship in the space below. Use extra sheets if necessary.

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This is to certify that, to the best of my knowledge and belief and after making reasonable inquiry, the above represents a full and accurate disclosure of any past or present business, familiar, or personal relationship with any of the individuals listed above. The undersigned acknowledges and understands that this Disclosure Statement is being submitted to the False Claims Act and that failure to disclose a material relationship(s) may constitute sufficient grounds to disqualify the Offeror.

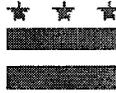
**OFFEROR:**

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Date: \_\_\_\_\_

**Attachment D**

**Tax Affidavit**

**GOVERNMENT OF THE DISTRICT OF COLUMBIA**  
**Office of the Chief Financial Officer**  
**Office of Tax and Revenue**



**TAX CERTIFICATION AFFIDAVIT**

**THIS AFFIDAVIT IS TO BE COMPLETED ONLY BY THOSE WHO ARE REGISTERED TO CONDUCT BUSINESS IN THE DISTRICT OF COLUMBIA.**

**Date**

**Authorized Agent**  
**Name of Organization/Entity**  
**Business Address (include zip code)**  
**Business Phone Number**

**Authorized Agent**  
**Principal Officer Name and Title**  
**Square and Lot Information**  
**Federal Identification Number**  
**Contract Number**  
**Unemployment Insurance Account No.**

I hereby authorize the District of Columbia, Office of the Chief Financial Officer, Office of Tax and Revenue to release my tax information to an authorized representative of the District of Columbia agency with which I am seeking to enter into a contractual relationship. I understand that the information released will be limited to whether or not I am in compliance with the District of Columbia tax laws and regulations solely for the purpose of determining my eligibility to enter into a contractual relationship with a District of Columbia agency. I further authorize that this consent be valid for one year from the date of this authorization.

I hereby certify that I am in compliance with the applicable tax filing and payment requirements of the District of Columbia. The Office of Tax and Revenue is hereby authorized to verify the above information with the appropriate government authorities.

**Signature of Authorizing Agent**

**Title**

The penalty for making false statement is a fine not to exceed \$5,000.00, imprisonment for not more than 180 days, or both, as prescribed by D.C. Official Code §47-4106.

**Attachment E**

**Davis-Bacon Wage Rates**

General Decision Number: DC140002 01/24/2014 DC2

Superseded General Decision Number: DC20130002

State: District of Columbia

Construction Type: Building

County: District of Columbia Statewide.

BUILDING CONSTRUCTION PROJECTS (does not include single family homes or apartments up to and including 4 stories).

Modification Number	Publication Date
0	01/03/2014
1	01/24/2014

ASBE0024-007 10/01/2012

	Rates	Fringes
ASBESTOS WORKER/HEAT & FROST INSULATOR.....	\$ 33.13	13.60

Includes the application of all insulating materials, protective coverings, coatings and finishes to all types of mechanical systems

-----  
ASBE0024-008 10/01/2012

	Rates	Fringes
ASBESTOS WORKER: HAZARDOUS MATERIAL HANDLER.....	\$ 20.86	5.61

Includes preparation, wetting, stripping, removal, scrapping, vacuuming, bagging and disposing of all insulation materials, whether they contain asbestos or not, from mechanical systems

-----  
ASBE0024-014 10/01/2012

	Rates	Fringes
FIRESTOPPER.....	\$ 26.06	6.05

Includes the application of materials or devices within or around penetrations and openings in all rated wall or floor assemblies, in order to prevent the passage of fire, smoke of other gases. The application includes all components involved in creating the rated barrier at perimeter slab edges and exterior cavities, the head of gypsum board or concrete walls, joints between rated wall or floor components, sealing of penetrating items and blank openings.

-----  
BRDC0001-002 05/07/2013

	Rates	Fringes
BRICKLAYER.....	\$ 28.17	8.03

-----  
 CARP0132-008 05/01/2013

	Rates	Fringes
CARPENTER, Includes Drywall Hanging, Form Work, and Soft Floor Laying-Carpet.....	\$ 26.81	8.13
PILEDRIVERMAN.....	\$ 26.62	8.15

-----  
 CARP1831-002 04/01/2012

	Rates	Fringes
MILLWRIGHT.....	\$ 27.96	12.20

-----  
 ELEC0026-016 11/04/2013

	Rates	Fringes
ELECTRICIAN, Includes Installation of HVAC/Temperature Controls.....	\$ 40.95	14.63

-----  
 ELEC0026-017 09/01/2012

	Rates	Fringes
ELECTRICAL INSTALLER (Sound & Communication Systems).....	\$ 25.55	3%+7.77

SCOPE OF WORK: Includes low voltage construction, installation, maintenance and removal of teledata facilities (voice, data and video) including outside plant, telephone and data inside wire, interconnect, terminal equipment, central offices, PABX, fiber optic cable and equipment, railroad communications, micro waves, VSAT, bypass, CATV, WAN (Wide area networks), LAN (Local area networks) and ISDN (Integrated systems digital network).

WORK EXCLUDED: The installation of computer systems in industrial applications such as assembly lines, robotics and computer controller manufacturing systems. The installation of conduit and/or raceways shall be installed by Inside Wiremen. On sites where there is no Inside Wireman employed, the Teledata Technician may install raceway or conduit not greater than 10 feet. Fire alarm work is excluded on all new construction sites or wherever the fire alarm system is installed in conduit. All HVAC control work.

-----  
 \* ELEV0010-001 01/01/2014

	Rates	Fringes
ELEVATOR MECHANIC.....	\$ 40.49	26.785+a+b

a. PAID HOLIDAYS: New Year's Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, Christmas Day and the Friday after Thanksgiving.

b. VACATIONS: Employer contributes 8% of basic hourly rate for 5 years or more of service; 6% of basic hourly rate for 6 months to 5 years of service as vacation pay credit.

-----  
IRON0005-005 06/01/2013

	Rates	Fringes
IRONWORKER, STRUCTURAL AND ORNAMENTAL.....	\$ 30.00	16.04

-----  
IRON0201-006 05/01/2012

	Rates	Fringes
IRONWORKER, REINFORCING.....	\$ 26.50	16.68

-----  
LABO0657-015 06/01/2012

	Rates	Fringes
LABORER: Skilled.....	\$ 21.26	6.83

FOOTNOTE: Potmen, power tool operator, small machine operator, signalmen, laser beam operator, waterproofer, open caisson, test pit, underpinning, pier hole and ditches, ladders and all work associated with lagging that is not expressly stated, strippers, operator of hand derricks, vibrator operators, pipe layers, or tile layers, operators of jackhammers, paving breakers, spaders or any machine that does the same general type of work, carpenter tenders, scaffold builders, operators of towmasters, scootcretes, buggymobiles and other machines of similar character, operators of tampers and rammers and other machines that do the same general type of work, whether powered by air, electric or gasoline, builders of trestle scaffolds over one tier high and sand blasters, power and chain saw operators used in clearing, installers of well points, wagon drill operators, acetylene burners and licensed powdermen, stake jumper, structural demolition.

-----  
MARB0002-004 07/01/2013

	Rates	Fringes
MARBLE/STONE MASON.....	\$ 33.58	15.13

INCLUDING pointing, caulking and cleaning of All types of masonry, brick, stone and cement EXCEPT pointing, caulking, cleaning of existing masonry, brick, stone and cement (restoration work)

-----  
MARB0003-006 07/01/2013

	Rates	Fringes
TERRAZZO WORKER/SETTER.....	\$ 25.78	9.72

-----  
MARB0003-007 07/01/2013

	Rates	Fringes
TERRAZZO FINISHER.....	\$ 20.98	8.81

-----  
MARB0003-008 07/01/2013

	Rates	Fringes
TILE SETTER.....	\$ 25.78	9.72

-----  
MARB0003-009 07/01/2013

	Rates	Fringes
TILE FINISHER.....	\$ 20.98	8.81

-----  
PAIN0051-014 06/01/2013

	Rates	Fringes
GLAZIER		
Glazing Contracts \$2 million and under.....	\$ 24.30	9.61
Glazing Contracts over \$2 million.....	\$ 27.64	9.61

-----  
PAIN0051-015 06/01/2013

	Rates	Fringes
PAINTER		
Brush, Roller, Spray and Drywall Finisher.....	\$ 24.89	8.91

\* PLAS0891-005 07/01/2013

	Rates	Fringes
PLASTERER.....	\$ 28.33	5.85

\* PLAS0891-006 02/01/2013

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 27.15	9.61

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PLAS0891-007 08/01/2011

	Rates	Fringes
FIREPROOFER		
Handler.....	\$ 15.00	3.89
Mixer/Pump.....	\$ 17.00	3.89
Sprayer.....	\$ 21.50	3.89

Spraying of all Fireproofing materials. Hand application of Fireproofing materials. This includes wet or dry, hard or soft. Intumescent fireproofing and refraction work, including, but not limited to, all steel beams, columns, metal decks, vessels, floors, roofs, where ever fireproofing is required. Plus any installation of thermal and acoustical insulation. All that encompasses setting up for Fireproofing, and taken down. Removal of fireproofing materials and protection. Mixing of all materials either by hand or machine following manufactures standards.

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PLUM0005-008 08/01/2013

	Rates	Fringes
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PLUMBER

Apartment Buildings over 4 stories (except hotels).....	\$ 23.41	9.51+a
ALL Other Work.....	\$ 38.17	16.25+a

a. PAID HOLIDAYS: Labor Day, Veterans' Day, Thanksgiving Day and the day after Thanksgiving, Christmas Day, New Year's Day, Martin Luther King's Birthday, Memorial Day and the Fourth of July.

-----  
 PLUM0602-008 08/01/2012

	Rates	Fringes
PIPEFITTER, Includes HVAC Pipe Installation.....	\$ 37.62	18.07+a

a. PAID HOLIDAYS: New Year's Day, Martin Luther King's Birthday, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day and the day after Thanksgiving and Christmas Day.

-----  
 ROOF0030-016 09/01/2012

	Rates	Fringes
ROOFER.....	\$ 26.90	10.18

-----  
 SFDC0669-002 07/01/2013

	Rates	Fringes
SPRINKLER FITTER (Fire Sprinklers).....	\$ 31.14	17.62

-----  
 SHEE0100-015 07/01/2013

	Rates	Fringes
SHEET METAL WORKER (Including HVAC Duct Installation).....	\$ 39.93	15.38

-----  
 SUDC2009-003 05/19/2009

	Rates	Fringes
LABORER: Common or General.....	\$ 13.04	2.80
LABORER: Mason Tender - Cement/Concrete.....	\$ 15.40	2.85

LABORER: Mason Tender for pointing, caulking, cleaning of existing masonry, brick, stone and cement structures (restoration work); excludes pointing, caulking and cleaning of new or replacement masonry, brick, stone and cement.....

\$ 11.67
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POINTER, CAULKER, CLEANER,

Includes pointing, caulking, cleaning of existing masonry, brick, stone and cement structures (restoration work); excludes pointing, caulking, cleaning of new or replacement masonry, brick, stone or cement.....\$ 18.88

-----  
WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

=====  
Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

-----  
The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is union or non-union.

Union Identifiers

An identifier enclosed in dotted lines beginning with characters other than "SU" denotes that the union classification and rate have found to be prevailing for that classification. Example: PLUM0198-005 07/01/2011. The first four letters , PLUM, indicate the international union and the four-digit number, 0198, that follows indicates the local union number or district council number where applicable , i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. The date, 07/01/2011, following these characters is the effective date of the most current negotiated rate/collective bargaining agreement which would be July 1, 2011 in the above example.

Union prevailing wage rates will be updated to reflect any changes in the collective bargaining agreements governing the rates.

0000/9999: weighted union wage rates will be published annually each January.

Non-Union Identifiers

Classifications listed under an "SU" identifier were derived from survey data by computing average rates and are not union rates; however, the data used in computing these rates may include both union and non-union data. Example: SULA2004-007

5/13/2010. SU indicates the rates are not union majority rates, LA indicates the State of Louisiana; 2004 is the year of the survey; and 007 is an internal number used in producing the wage determination. A 1993 or later date, 5/13/2010, indicates the classifications and rates under that identifier were issued as a General Wage Determination on that date.

Survey wage rates will remain in effect and will not change until a new survey is conducted.

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WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- \* an existing published wage determination
- \* a survey underlying a wage determination
- \* a Wage and Hour Division letter setting forth a position on a wage determination matter
- \* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations  
Wage and Hour Division  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION

**Attachment F**

**Bid Guaranty Certification**

**Attachment F**

**Certification Letter for Cashier's Check or Irrevocable Letter of Credit**

Offerors who submit a cashier's check or an irrevocable letter of credit ("Alternate Bid Security") in lieu of a bid bond must also submit this certification, properly notarized, with their proposal. By executing this document, Offeror acknowledges that, if awarded this contract, Offeror shall be required to post promptly a payment and performance bond equal to the full value of the contract. In the event Offeror fails to post such payment and performance bond, the Offeror understands and agrees that: (i) the Department shall draw upon the Alternate Bid Security as liquidated damages; (ii) the award and/or contract shall be terminated; (iii) for a period of two (2) years thereafter, the Department will not accept from such Offeror Alternate Bid Security in lieu of a bid bond; and (iv) the Offeror hereby waives the right to protest the termination of any such award or contract. The Offeror further acknowledges and agrees that the damages the Department would experience in the event such award or contract are terminated due to the Offeror's failure to post a payment and performance bond are difficult to determine and that the value of the Alternate Bid Security represents a reasonable estimate of the damages the Department would incur.

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Date: \_\_\_\_\_

District of Columbia) ss:

On the \_\_\_ day of \_\_\_\_\_, 2014, before me, a notary public in and for the District of Columbia, personally appeared \_\_\_\_\_, who acknowledged himself/herself to be \_\_\_\_\_ of \_\_\_\_\_, and that he/she as such, being authorized to do so, executed the foregoing instrument for the purposes therein contained.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal.

\_\_\_\_\_  
Notary Public  
My Commission Expires: \_\_\_\_\_