

# **Monument Square**

**East Edge Concept**

**Crandall Arambula**

**04-10-04**



Art

Seating

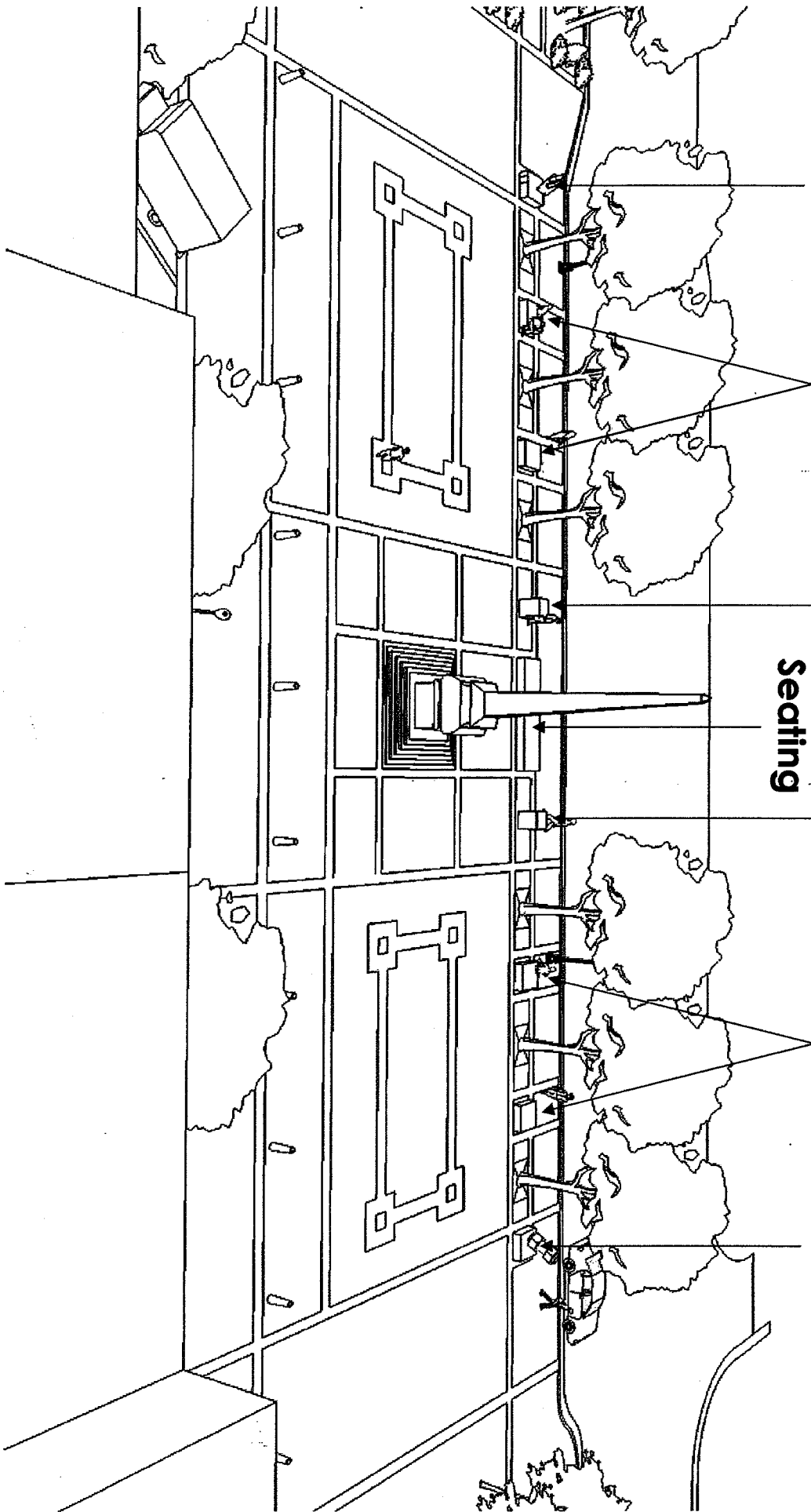
Game

Game

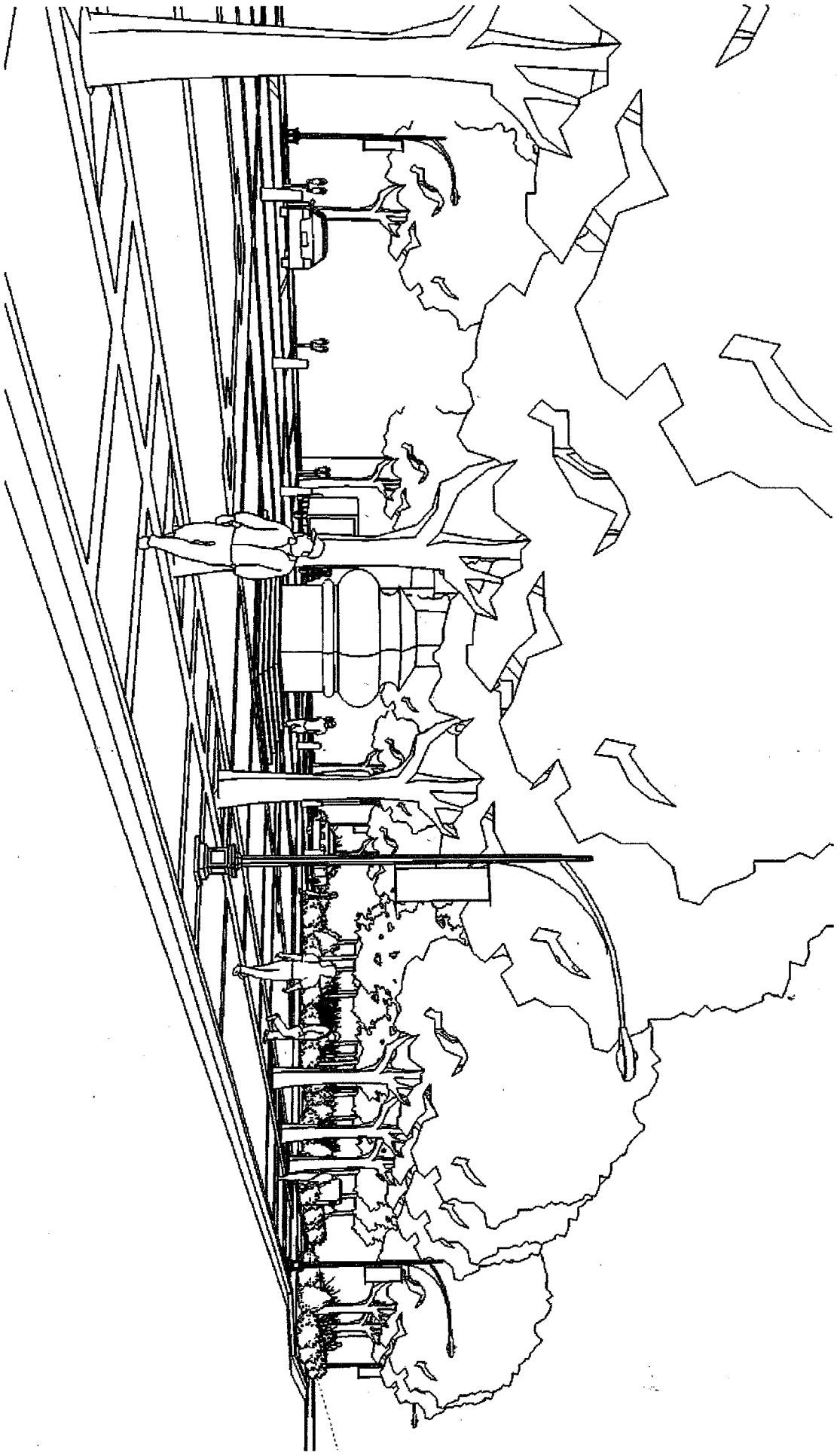
Seating

Art

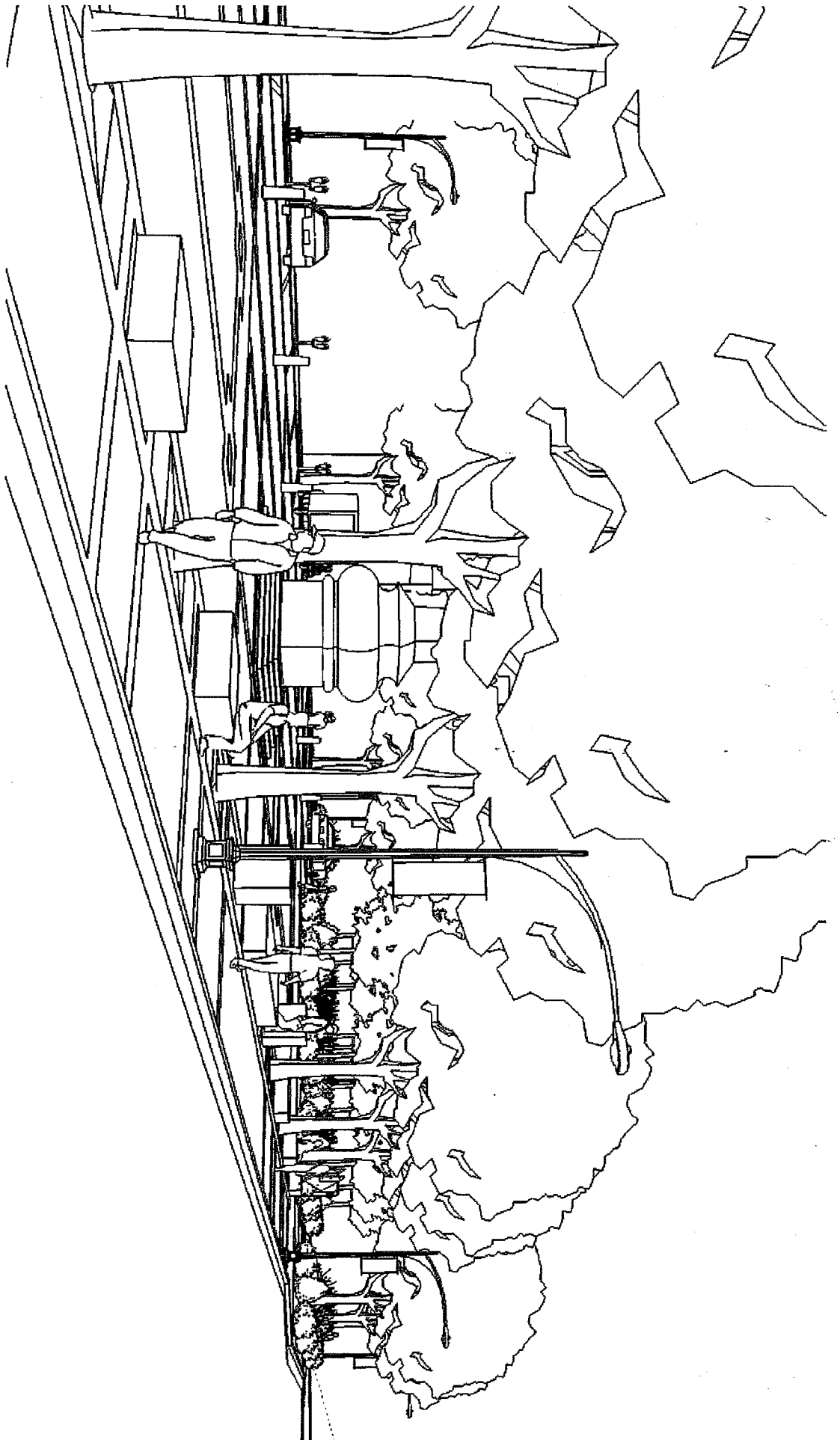
Seating



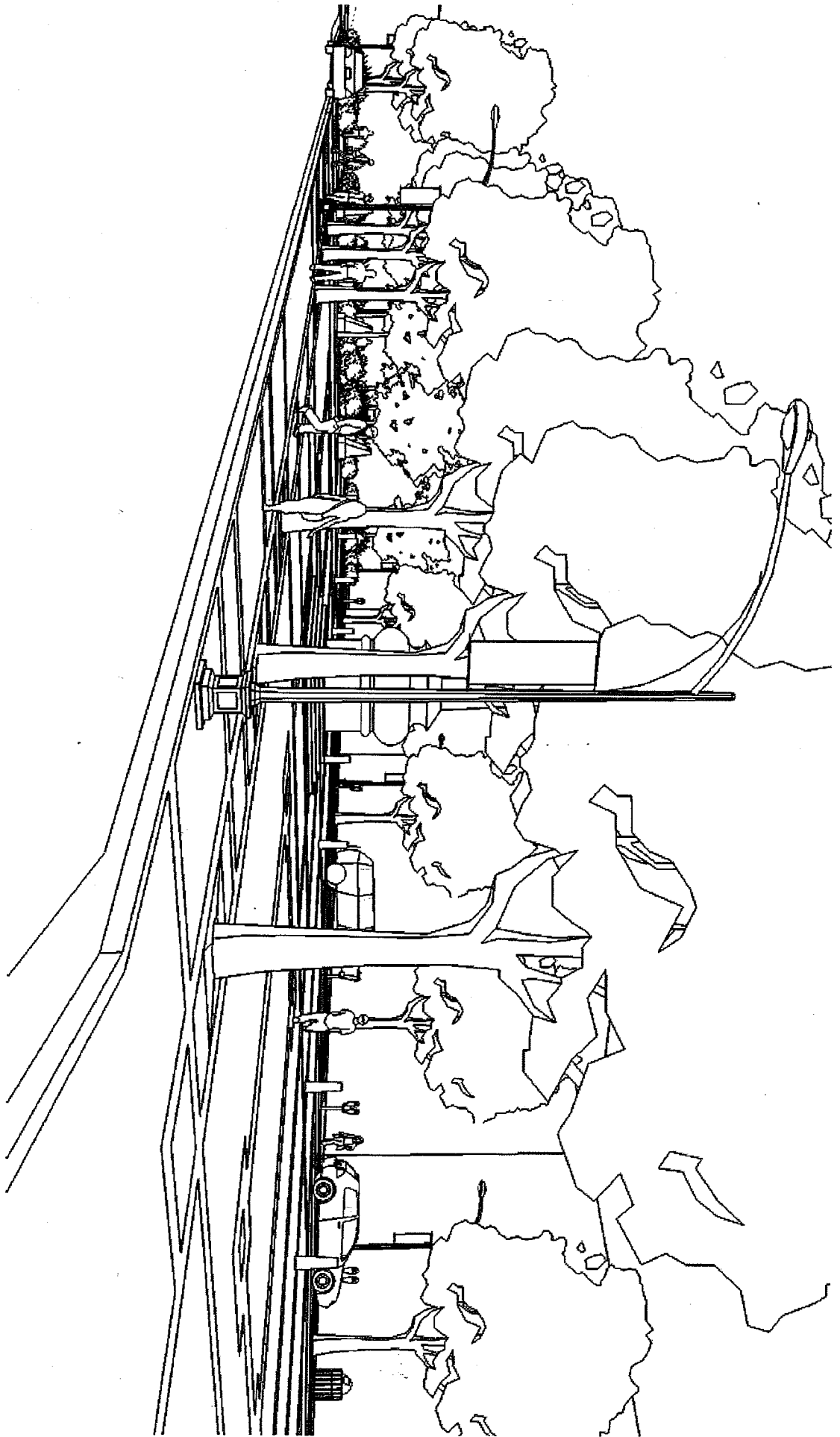
# Block Locations



**NW View - Before**

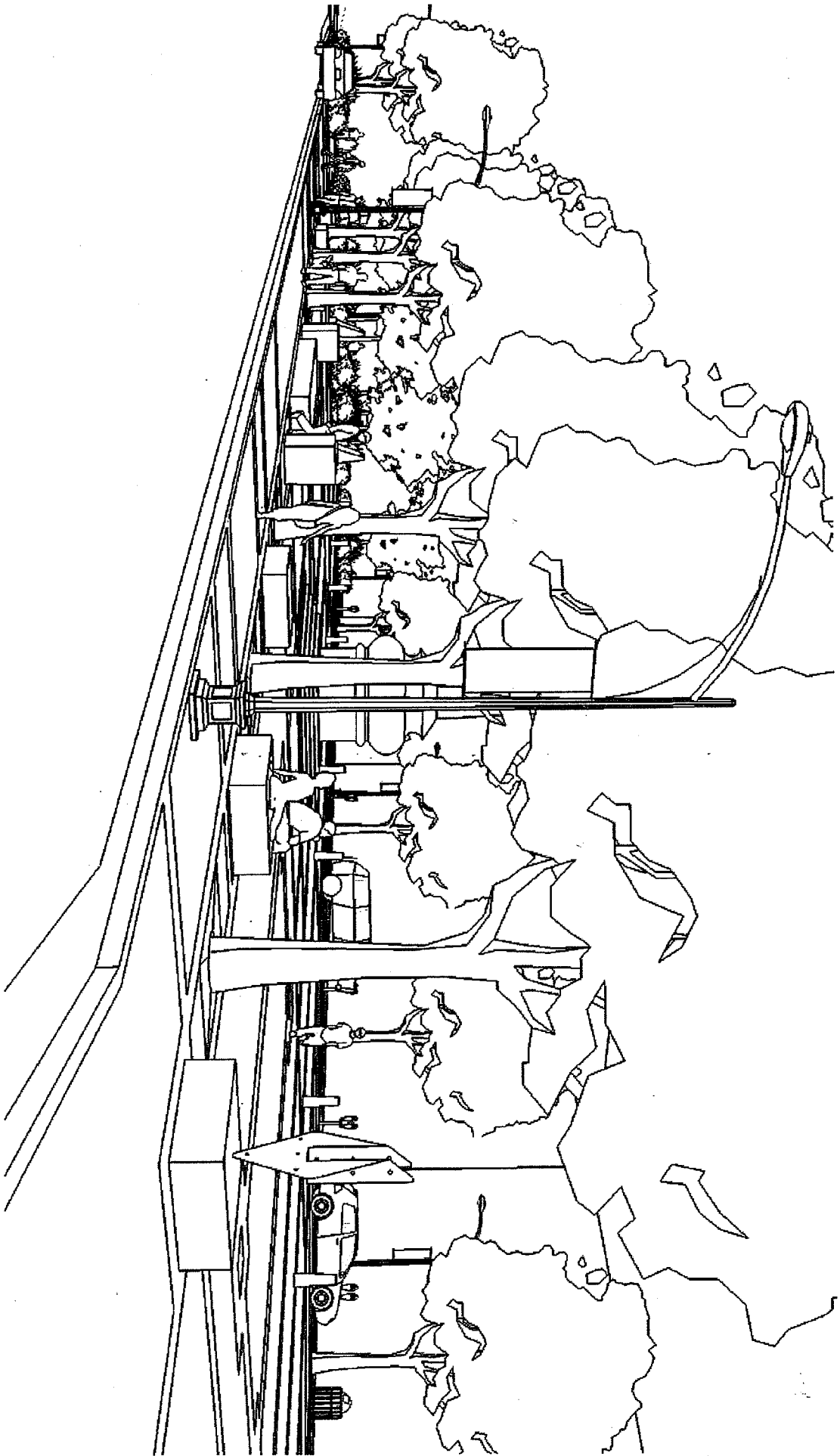


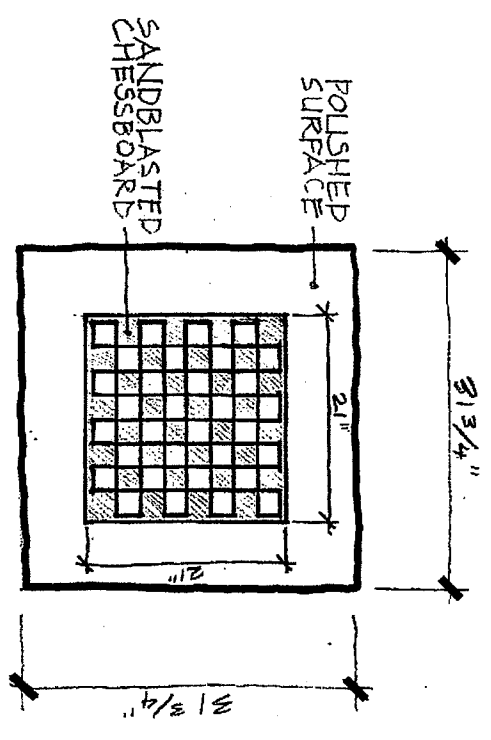
**NW View - After**



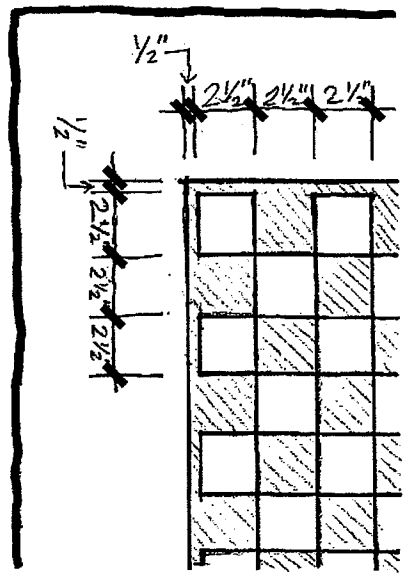
**SW View - Before**

# SW View - After

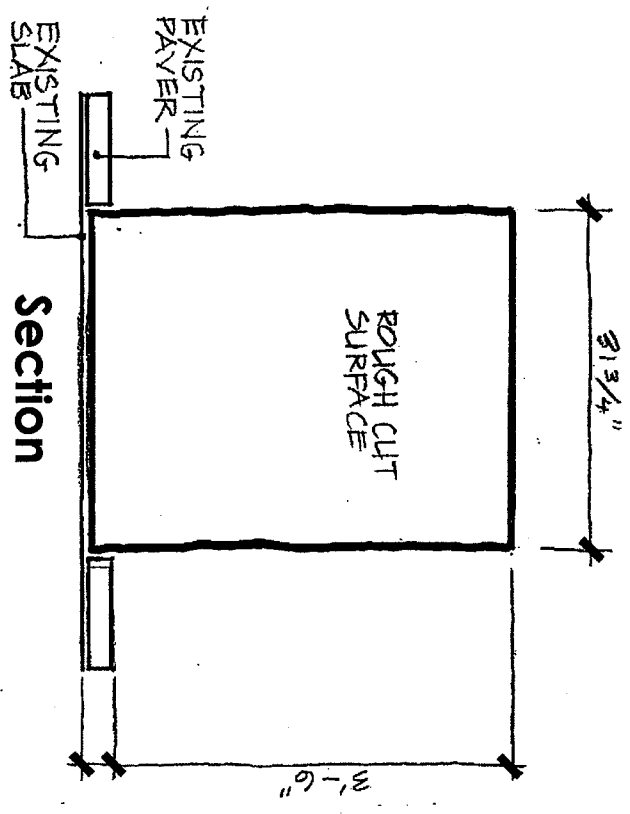




Plan



Detail

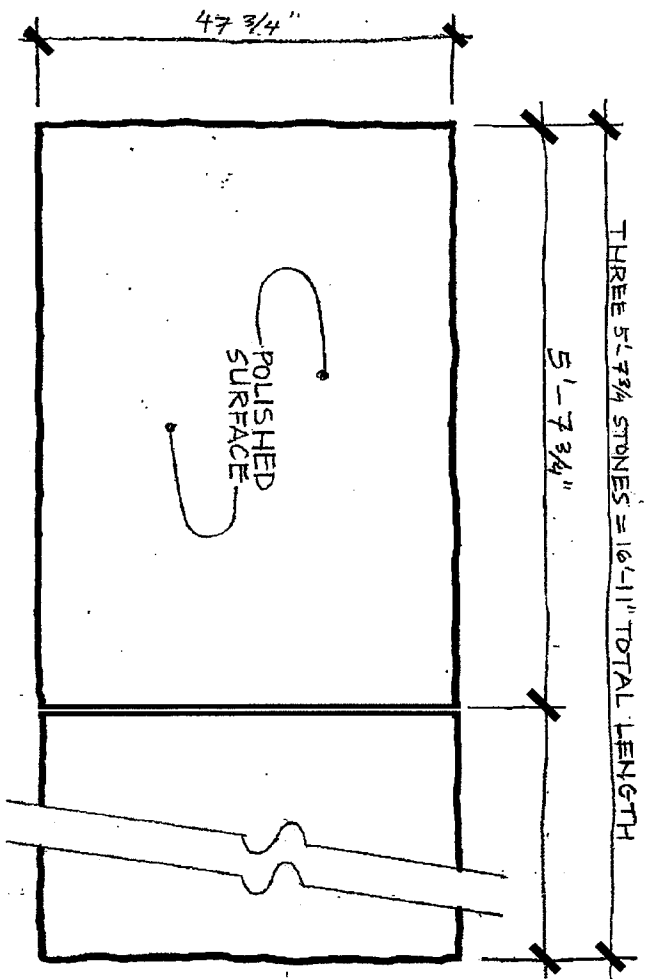


Section

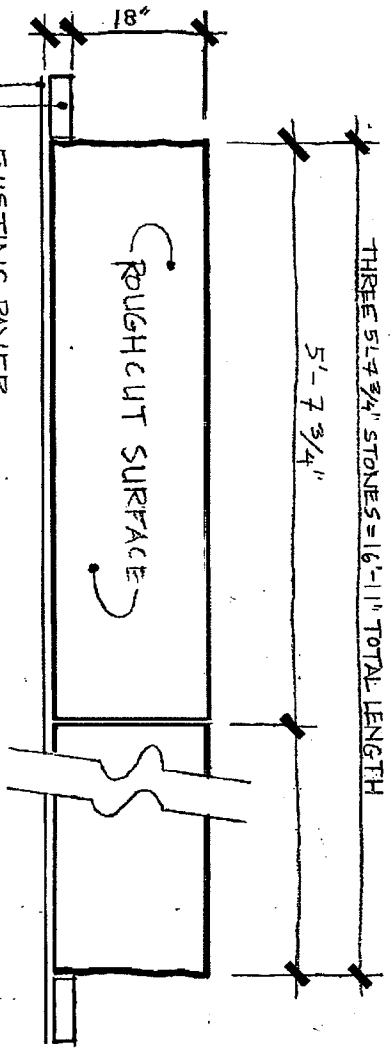
NOTE: CHESSBOARD DIMENSIONS = EIGHT-BY-EIGHT 2 1/2" SQUARES WITH 1/2" BORDER

# Game Blocks (2)

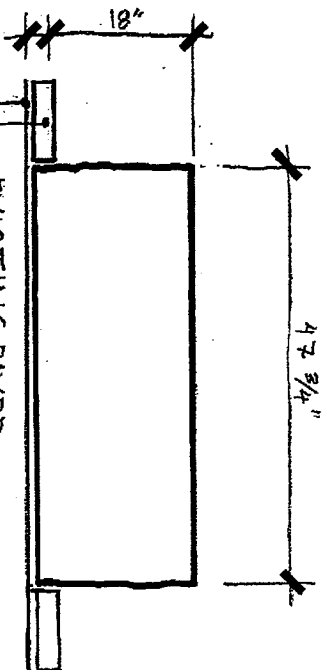




**Plan**

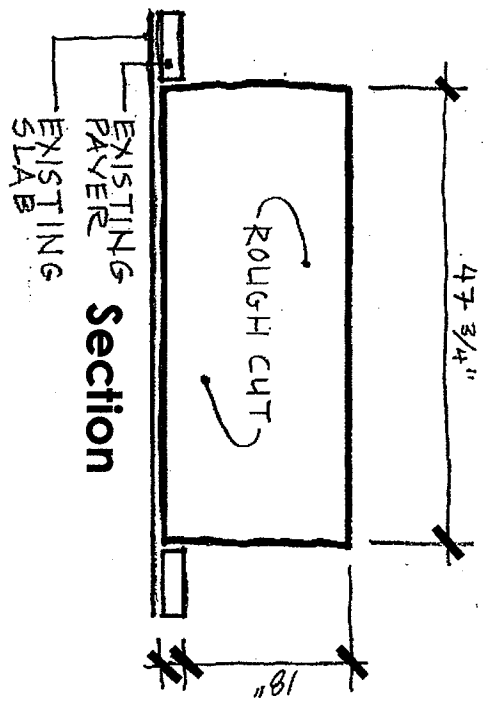
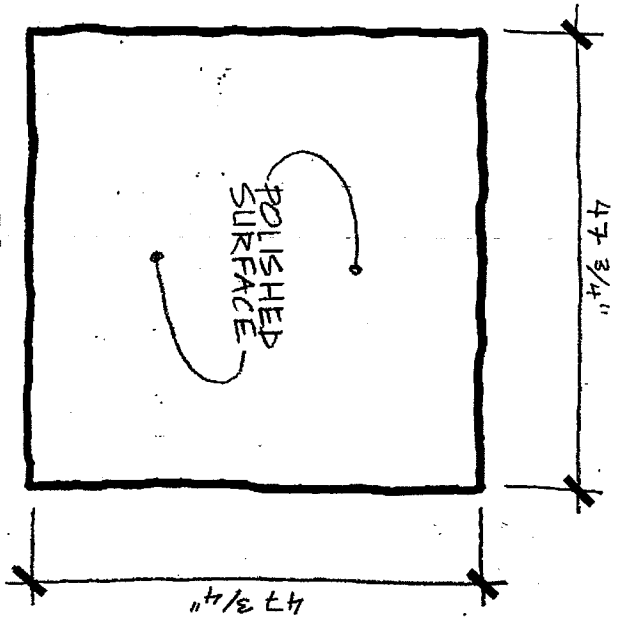


**Section**

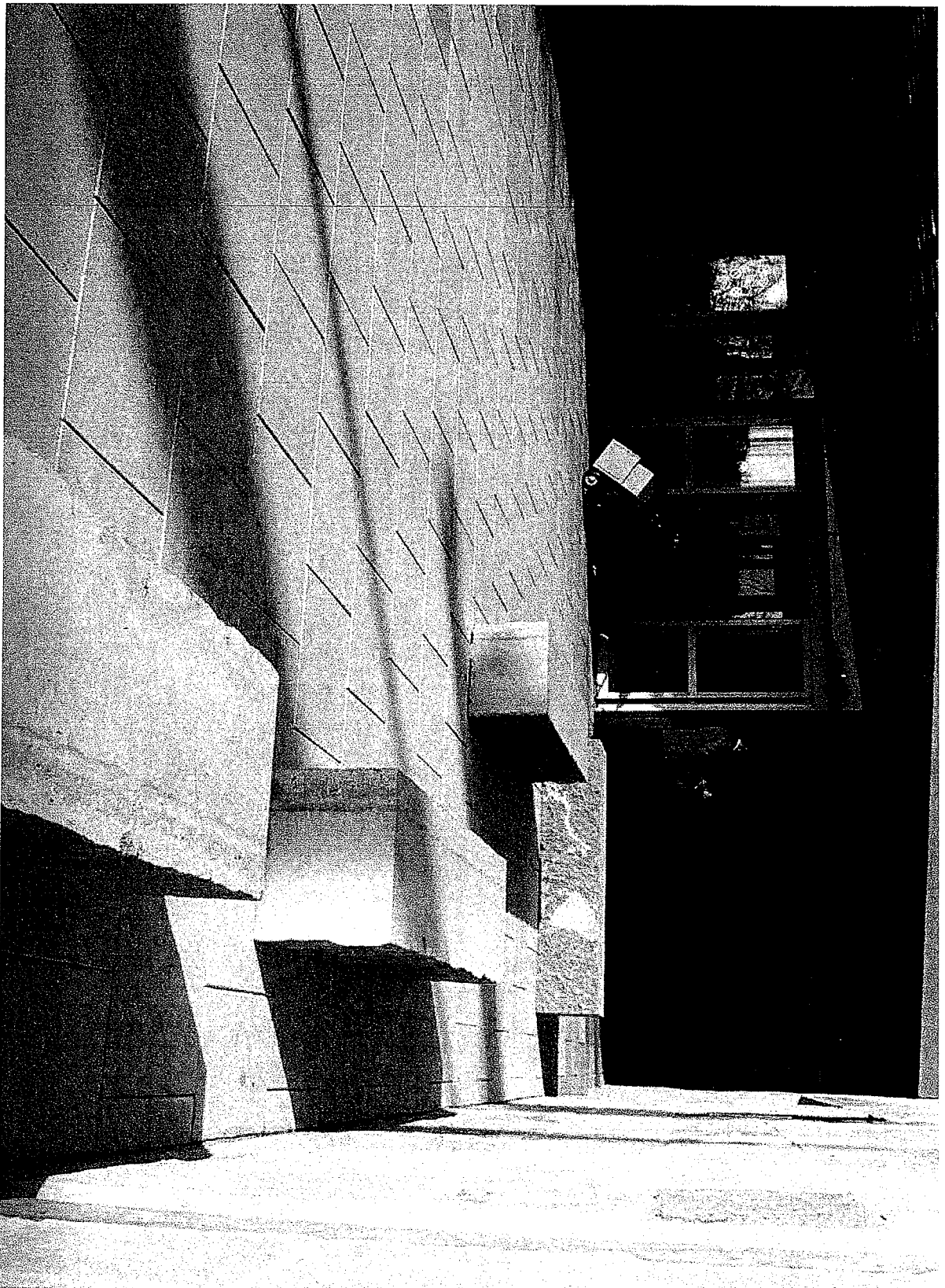


**End Section**

# Seating (1)



# Seating & Art Pedestals (6)



# Seating Blocks - Austin

20		1 LS	Remove Fountain and Pool Electrical						
21	655,0620	715 LF	Electrical Wire Lighting 8 AWG	\$2,680.00	\$2,680.00	\$875.00	\$875.00		
22	655,0625	1,000 LF	Electrical Wire Lighting 6 AWG	\$0.75	\$536.25	\$0.87	\$622.05		
23		11 EA	Planter Receptacle, Concrete Bollard	\$1.00	\$1,000.00	\$1.20	\$1,200.00		
24	655,0630	4,340 LF	Electrical Wire Lighting 4 AWG	\$1,050.00	\$11,550.00	\$245.00	\$2,895.00		
25		6 EA	Area Light Concrete Bases	\$1.20	\$5,208.00	\$1.60	\$6,944.00		
26		4 EA	Pedestrian Pole Concrete Bases	\$700.00	\$4,200.00	\$475.00	\$2,850.00		
27		11 EA	Refurbish Cast Iron Clamshell Bases	\$800.00	\$2,400.00	\$475.00	\$1,900.00		
28		7 EA	Steel Pole, 30 foot, 7 Gauge, Black finish	\$2,900.00	\$31,900.00	\$455.00	\$5,005.00		
29		7 EA	Area Light Luminaire, 250 Watt HPS, Black finish	\$4,600.00	\$32,200.00	\$1,800.00	\$12,600.00		
30		7 EA	Area Light Roadway Arm, Black finish	\$1,000.00	\$7,000.00	\$1,000.00	\$7,000.00		
31		4 EA	Cast Aluminum Post, 12 Foot, Black finish	\$700.00	\$4,900.00	\$500.00	\$3,500.00		
32		4 EA	Pedestrian Pole Luminaire, 50 Watt HPS, Black finish	\$2,300.00	\$9,200.00	\$750.00	\$3,000.00		
33		3 EA	Monument Accent Light, 150 Watt MH, Black finish	\$1,700.00	\$6,800.00	\$800.00	\$3,200.00		
34		2 EA	Installation of Temporary Wood Poles	\$2,000.00	\$6,000.00	\$1,000.00	\$3,000.00		
35		4 EA	Installation of Temporary Street Light Fixtures and Bracket	\$650.00	\$4,000.00	\$680.00	\$1,360.00		
36		1 LS	Electric for Receptacle Service Pedestal	\$32,000.00	\$2,600.00	\$625.00	\$2,500.00		
				\$32,000.00	\$32,000.00	\$12,960.00	\$12,960.00		

TOTAL AMOUNT OF THIS BID: \$1,198,828.25 \$1,210,858.85

Bid No. 1	2 EA	Seating Blocks 48" wide x 192" long x 24" high (128 CF)	\$48,000.00	\$54,560.00
Bid No. 2	4 EA	32" long x 48" high (28.4 CF) Includes etching	\$80,000.00	\$15,336.00
Bid No. 3	4 EA	Granite Art Pedestals 48" wide x 48" long x 12" high (16 CF)	\$24,000.00	\$8,640.00



Osterman Granite & Marble 262-632-7887  
 6940 Washington Ave. Racine, WI 53406 262-632-7824 fax



Aug. 8, 2006

Mr. Devin Sutherland  
 Downtown Racine Corporation

We are please to quote the following project for Monument Square in Racine.

Monolithic stone - Charcoal Black granite - AS PER ATTACHED DESIGN

- 5'7" x 4' x 1'10" (3x)
- 2'8" x 2'8" x 1'10" (2x)
- 4' x 4' x 1'10" (4x)
- 4' x 4' x 1'4" (2x)

All exposed finished as thermal.

Bottom to be sawed finish.

Top (horizontal) corners to be 1/2" radius.

1" margin.

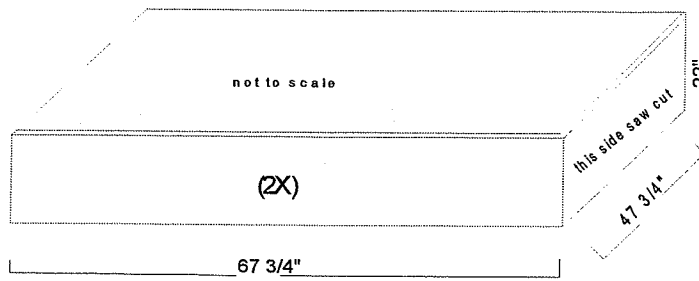
Includes delivery to job site.

Includes installation by OGM.

Artwork allowance.

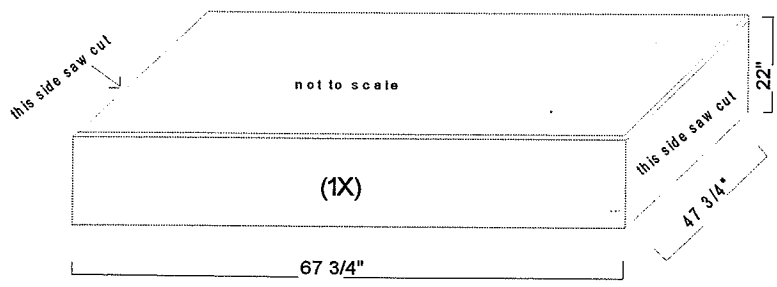
Materials	\$72,100
Installation	\$ 3,765
Crane time 6-8 hrs.	\$ 1,100
<b>TOTAL</b>	<b>\$76,965</b>

Installation on existing substrate or foundation provided by others and certified by others to be suitable for weight of these materials. Finish as per shop drawings which are part of agreement. Quote does NOT include applicable state or local taxes. Appropriate taxes will added to invoice unless exemption certificate or resale certificate is provided. Signed purchase agreement, signed and accepted shop drawings, and 50% deposit required prior to beginning work. Balance of materials due at time of shipment. Balance of invoice due upon completion. Start delivery 8 - 10 weeks after receiving all items referenced above. All drawings, designs, or artwork remains the sole property of OGM until final invoice is paid in full. No use of these designs, drawings, bids, or artwork is authorized by any party other than OGM. Separate purchase order to follow.

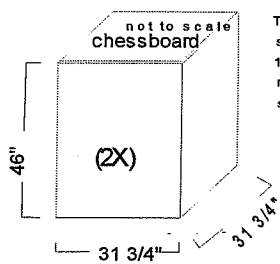


TYPE A1A - COLD SPRING CHARCOAL GRAI  
 1/2" bullnose all outside horizontal cor  
 rough finish 3 sides, honed top and ma  
 sawed bottom - HONED 1" MARGIN 4 SIDI  
 1 side saw cut

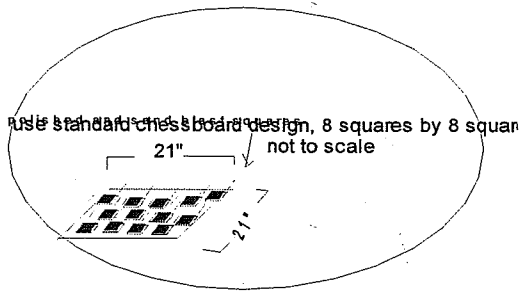
THIS IS ALTERNATE BID TO ORIGINAL, 5-25-05  
 all monoliths to be crated for protection  
 include shipping to zip code 53403



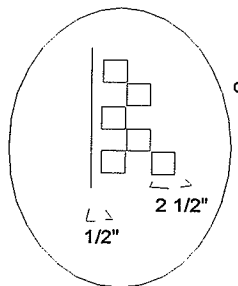
TYPE A1B - COLD SPRING CHARCOAL GRANIT  
 1/2" bullnose all horizontal corners, (exce  
 rough finish 2 sides, honed top and marg  
 sawed bottom - HONED 1" MARGIN 4 SIDES  
 2 sides saw cut



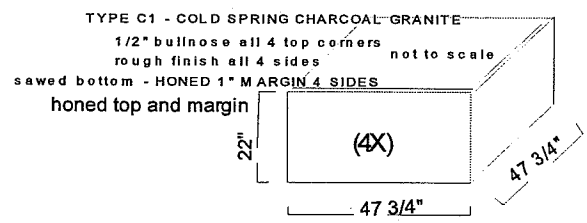
TYPE B1 - COLD SPRING CHARCOAL GRANITE  
 sandblast chess board design on top, alternate  
 1/2" bullnose all 4 top corners  
 rough finish all 4 sides  
 sawed bottom - HONED 1" MARGIN 4 SIDES  
 honed top and margin



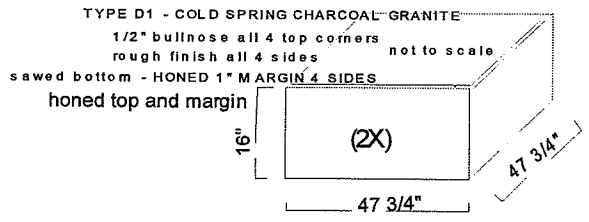
use standard chessboard design, 8 squares by 8 squares  
 not to scale



chessboard layout



TYPE C1 - COLD SPRING CHARCOAL GRANITE  
 1/2" bullnose all 4 top corners  
 rough finish all 4 sides  
 sawed bottom - HONED 1" MARGIN 4 SIDES  
 honed top and margin



TYPE D1 - COLD SPRING CHARCOAL GRANITE  
 1/2" bullnose all 4 top corners  
 rough finish all 4 sides  
 sawed bottom - HONED 1" MARGIN 4 SIDES  
 honed top and margin

Please call with questions or comments. Bid pricing valid for 30 days.

Monte Osterman, Pres.  
 Osterman Granite and Marble

mm) [2-1/4" (57 mm)] high, extruded aluminum, 6063 alloy, T6 hardness, paver restraint edging for straight-line and curvilinear applications in corrugated L-shaped profile, as manufactured by PermaLoc Corporation, Holland MI 49424, telephone (800) 356-9660 or (616) 399-9600. Horizontal base shall have holes spaced 4 inches (102 mm) apart along its length to receive spikes.

Thickness: 3/32 inch (2.4 mm) gage section shall have 0.170 inch (4.32 mm) thick exposed top lip, 1/8 inch (3.2 mm) gage section shall have 0.190 inch (4.83 mm) thick exposed top lip, and 3/16 inch (4.8 mm) gage section shall have 0.210 inch (5.33 mm) thick exposed top lip.

Connection Method: Section ends shall splice together with horizontal 0.060 inch (1.52 mm) thick x 1 inch (25 mm) wide x 4 inches (102 mm) long aluminum sliding connector.

Concrete Pins: 3/8 inch x 3 inches bright spiral steel spike. Use plastic washers if desired.

Finish: Natural Mill Aluminum and Black DuraFlex Painted, AAMA 2603, electrostatically baked on paint.

#### **C Construction Methods**

Edging Installation: Locate edging to minimize cutting or to avoid small paver pieces in the final installation as much as possible. Edges of planting areas can be modified slightly to accommodate this requirement. Install base of edging resting on concrete underlayment and facing towards and under pavers. Drive 3/8" x 10" (9.5 mm x 242 mm) bright spiral steel spikes through edging holes in section base of paver restraint edging at 12" on center. Securely connect sections together in accordance with manufacturer's instructions.

#### **D Measurement**

Paver Edging shall be measured by the Linear Foot, installed and accepted in place.

#### **E Payment**

This item, measured as provided above, will be paid for at the contract unit price, which price shall be payment in full for furnishing, installing paver edging and for furnishing all labor, tools, equipment and incidentals necessary to complete this item of work.

### **54. Granite Blocks Alternate Bid**

#### **A Description**

This work shall consist of the furnishing and installing granite blocks as shown on the plans and as herein provided; including, shaping and finishing and delivery and installation on-site. Guarantee all materials, workmanship and installation for a period of one year from the date of acceptance.

The Contractor shall review, approve and submit, with reasonable promptness and in such sequence as to cause no delay in the work or in the work of the Owner or any separate contractor, all shop drawings, product data and samples required by the contract

documents.

By approving and submitting shop drawings, product data and samples, the Contractor represents that he has determined and verified all materials, field measurements and field construction criteria related thereto, or will do so, and that he has checked and coordinated the information contained within such submittals with the requirements of the work and of the contract documents.

The Contractor shall not be relieved of responsibility for any deviation from the requirements of the contract documents by the Architect's approval of shop drawings, product data or samples unless the Contractor has given written approval to the specific deviation. The Contractor shall not be relieved from responsibility for errors or omissions in the shop drawings, product data or samples by the Architect's approval thereof.

The Contractor shall direct specific attention, in writing or on resubmitted shop drawings, product data or samples, to revisions other than those requested by the Architect on previous submittals.

No portion of the work requiring submission of a shop drawing, product data or sample shall be commenced until the submittal has been approved by the Architect.

Contractors shall submit six copies of all shop and setting drawings every time a submission is made until final approval is received.

Drawings submitted shall be marked with the name of the project, numbered consecutively and bear the stamp of approval of the Contractor as evidence that the drawings have been checked by the Contractor. Any drawings submitted without this stamp of approval will not be considered and will be returned to the Contractor for resubmission.

Samples shall be of sufficient size to clearly illustrate full range of color, texture and pattern.

#### Submittal Schedule

<u>Work Element</u>	<u>Submittal Required</u>
Granite Blocks (each type)	Shop Drawings
Granite(each color)	Samples
Granite finishing (each finish/each color)	Samples

#### **B Materials**

Solid granite cut and shaped to the forms indicated. Sierra White Granite as provided by Cold Spring Granite Co., 800-328-5040 or approved equal. Three quarter inch diameter threaded stainless steel rods for mounting on-site.

Type A (2) - 4' x 12' x 2' high



Type B (4) - 2'-8" x 2' - 8" x 3'-6" high  
Type C (4) - 4' x 4' x 2' high

Bottom shall be finished to sit smoothly on paved surface. Sides shall be thermal finish. Top shall be thermal finish. Type B blocks will be further etched with patterns, art to be provided by the city.

**C Construction Methods**

Cut, shape and finish granite blocks off-site. Note that the top surface of each stone shall have a 1/2" bevel. Protect forms from damage during delivery and installation on-site. Chipped and fractured stones will be rejected. Stones with damage to polished surfaces will be rejected.

Deliver forms to site.

**D Measurement**

Granite blocks shall be measured by the unit, each, for each type, installed and accepted in place.

**E Payment**

This item, measured as provided above, will be paid for at the contract unit price each, which price shall be payment in full for fabricating forms and installing on-site, and for furnishing all labor, tools, equipment and incidentals necessary to complete this item of work.

**55. City Owned Signs and Supports.**

**A Description**

This special provision describes removing city owned signs and supports and delivering the signs and supports to the City of Racine in accordance with the pertinent provisions of section 638 of the State Specifications and as herein after provided.

**B (Vacant)**

**C Construction**

Sections 638.3.4 and 638.3.5 are modified to include the following:

The contractor shall deliver the signs and sign supports to the City of Racine at 830 South Racine Street. The contractor shall call Jeff Fidler at (262) 636-9127 a minimum of 48 hours in advance of planned delivery to set up a time for delivery. The contractor shall be responsible for any damages to the signs and sign supports during removal and delivery.

**D Measurement**

The department will measure Removing City owned signs and Removing City owned sign supports as each individual unit is completed.