

# RESOLUTION OF THE CITY COUNCIL

*No.273*

*Approved* May 20, 1997

WHEREAS, Petitioner, State of Rhode Island seeks to place a decorative free standing clock adjacent to the premises known as the former Shepard Building located at Washington Street.

NOW, THEREFORE, BE IT RESOLVED That His Honor, the Mayor is authorized to grant a surface easement along Washington Street in the City of Providence to said Petitioner. Said easement shall be specifically granted upon the following provisions. 1.) Said easement shall be utilized only for the installation and maintenance of a decorative clock and necessary incidents. Said easement shall not exceed the area indicated in the accompanying diagrams. (2) The petitioner shall undertake all construction in accordance with the plans provided to the Department of Inspection and Standards, the Department of Public Works particularly the correspondence of the Director dated 12 March, 1997 and to the City Council Committee on Public Works as those plans may have been amended by said departments or Council Committee, (3) Petitioner shall construct and maintain said structure in accordance with all rules and regulations promulgated by the Department of Public Works. (4) Petitioner shall ascertain that there exists no adverse impact on any local utility company and certification of the same shall be forwarded by mail to the City Clerk; (5) Petitioner shall maintain the clock in good working order and shall maintain it free of graffiti. (6) The Petitioner shall in no way impede or hinder pedestrian and vehicular traffic other than to the extent of any encroachment permitted herein. Petitioner shall not affix anything to the realty save for the clock and its necessary incidents and appurtenances, (7) The Petitioner shall supply an insurance policy in an amount of not less than One Hundred Thousand Dollars (\$100,000.00) with the City of Providence, its agents, officers, servants and employees as additional named insured. Said policy shall be issued by a company licensed to do business in the State of Rhode Island, and shall be approved by the Law Department of the City of Providence (8) Said permission granted herein shall extend for twenty (20) years from the date of passage of this Resolution or until the site is no longer used for the specified purposes and shall not run with the land, but shall be renewable with the mutual assent of Petitioner and the City. (9) The Petitioner acknowledges any representation made by him

before any department or council committee is incorporated by reference herein,  
(10) The Petitioner shall execute in a form acceptable to the City Solicitor a hold-harmless and indemnification agreement saving the City from liability from the erection, dismantling, maintenance or existence of said structure.

IN CITY COUNCIL  
MAY 15 1997  
READ AND PASSED  
*Enrico V. Fargnoli*  
PRES.  
*Michael L. Clement*  
CLERK

**APPROVED**  
MAY 20 1997  
*Vincent A. Liana*  
MAYOR

Ferdinand C. Ihenacho, P.E.  
Director



VINCENT A. CIANCI, JR.  
Mayor

March 12, 1997

## Department of Public Works

*"Building Pride In Providence"*

Robert Clarkin, Chairman  
Public Works Committee  
c/o City Clerk's Office  
City Hall  
Providence, RI

**RE: Proposed Shepard Building Clock "Time Wave"**  
**(Washington Street, Downtown Providence)**

Dear Mr. Clarkin:

Thank you for forwarding the above referenced proposal for this Department's review.

This Department submits a finding of no objection to the placement of the proposed public art project on Washington Street located one (1) foot behind the face of the curb at approximately seventy (70) feet southwesterly of Union Street, provided the applicant/petitioner:

- a) secures a construction permit from this Department prior to any construction within the public right-of-way
- b) provide adequate space for pedestrian/wheelchair travel on the remaining sidewalk width (at least 5 feet wide)
- c) provide a detailed (scale) drawing of all aspects of the proposed structure to include dimensions from face/back of the curb, offsets from face of the building for the entire height of the structure, the type of material to be used for the pedestal and base of the structure (3000psi concrete, brick, tiles, mortar, etc.), construction joint material, replacement of affected sidewalk, etc.
- d) provide an exact location of the proposed structure to ensure that public works facilities are not adversely affected by the proposed structure.

Should you have any questions or need further assistance on this matter, please feel free to contact me.

Very truly yours,

A handwritten signature in black ink, appearing to read "F. Ihenacho", is written over a horizontal line.

Ferdinand C. Ihenacho, P.E.  
Director

FCI:cs

cc: Frank Corrente  
Councilman John Lombardi  
Gerry Florio  
Louis Ricci  
James T. Morris

700 Allens Avenue • Providence, Rhode Island 02905

COUNCIL PRESIDENT  
PRO TEMPORE  
JOHN J. LOMBARDI  
48 GROVE STREET  
PROVIDENCE, RI 02909  
Res: 273-6585  
Office: 521-8400



# 03  
COMMITTEE

Claims and Pending  
Suits  
Chairman

## City of Providence, Rhode Island

March 19, 1997

Mr. Robert Clarkin  
Chairman  
Committee on Public Works  
c/o City Clerks Office  
City Hall  
Providence, RI 02903

Dear Mr. Clarkin:

I am writing in support of the proposed Shepard Building Clock "Time Wave" being placed on Washington Street provided that the applicant/petitioner meets the four requirements mentioned in a letter to you on March 12, 1997, from Public Works Director, Ferdinand C. Ihenacho. Thank you for your consideration in this matter.

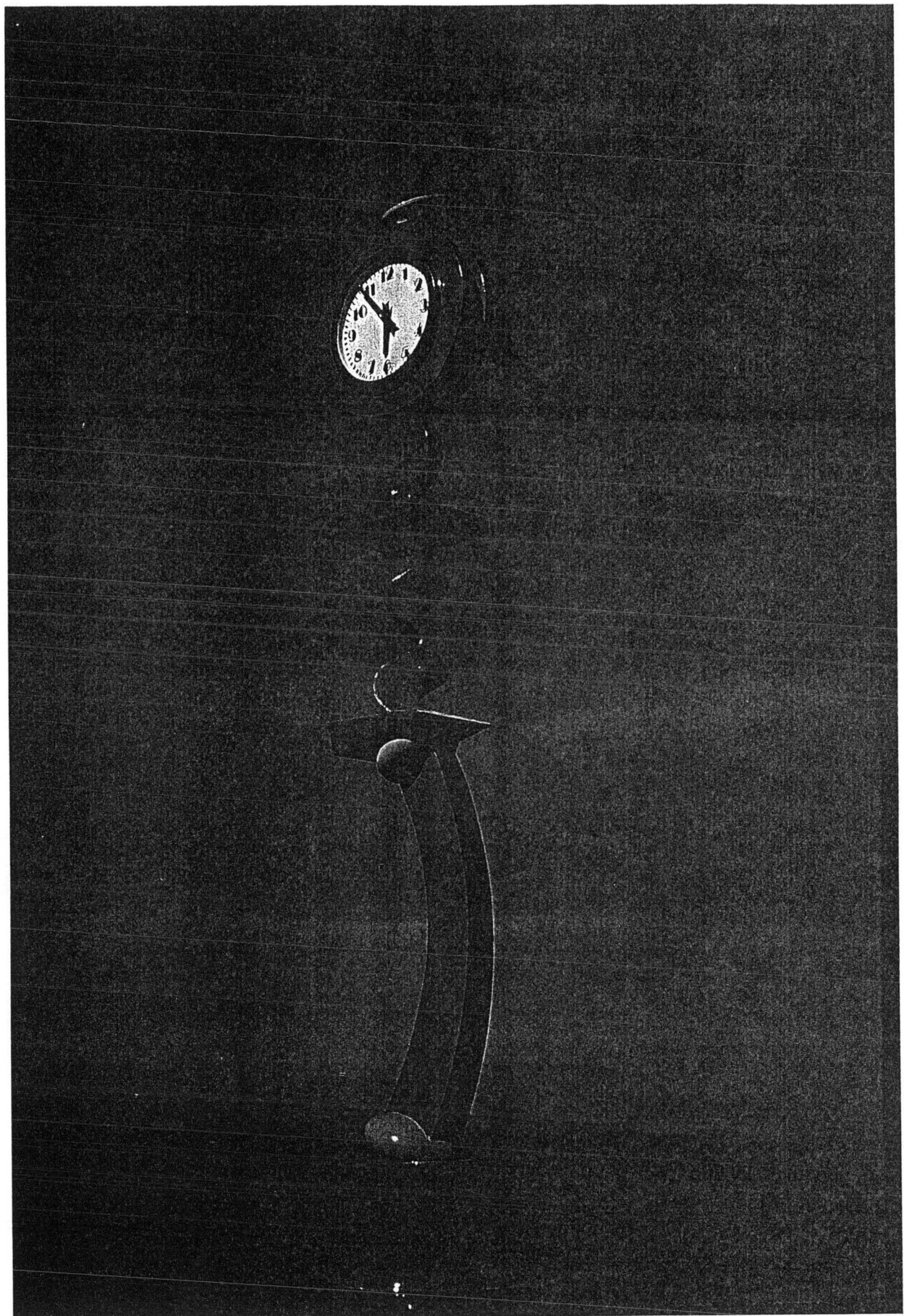
With best regards, I remain

Sincerely,

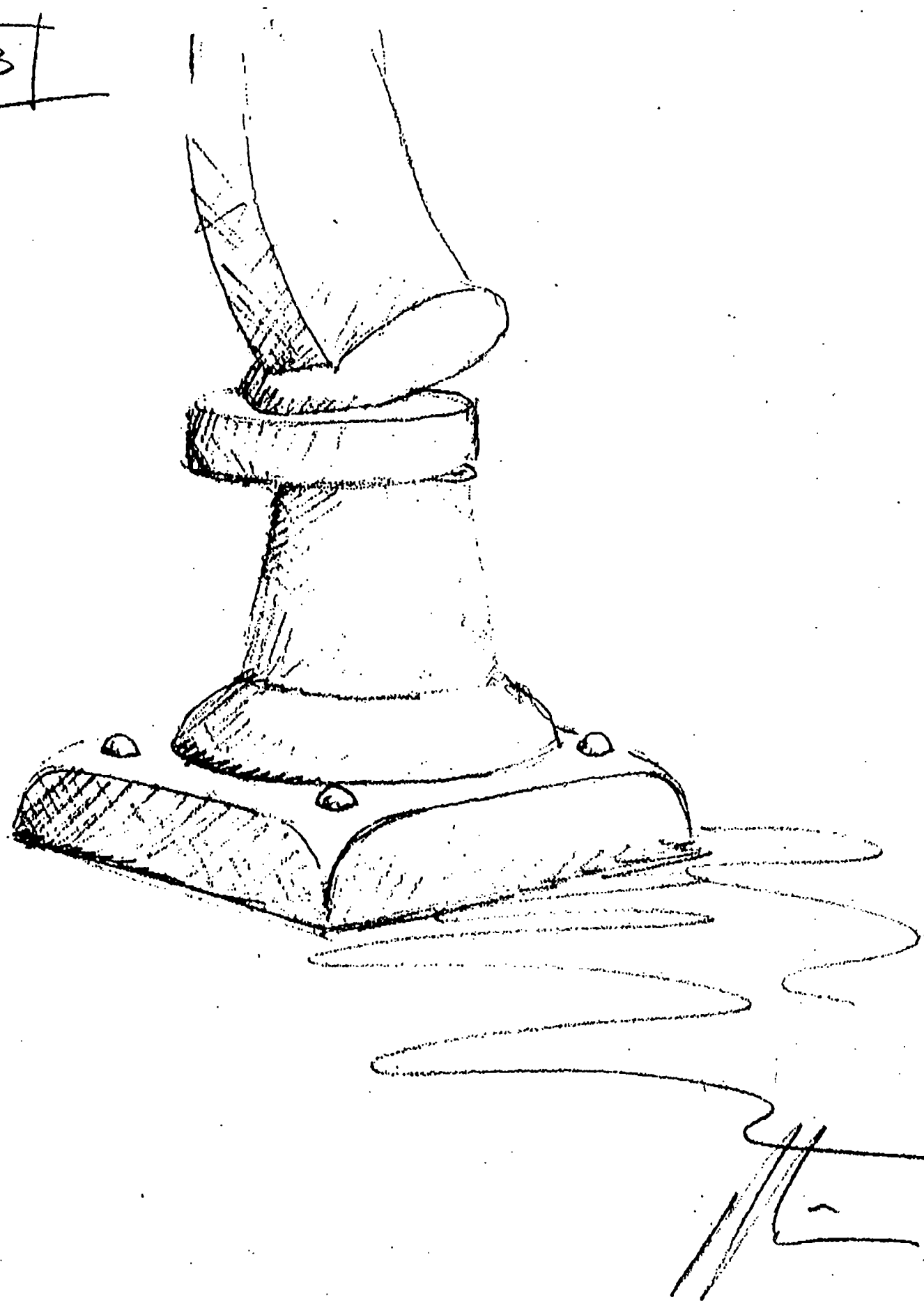
John J. Lombardi  
Council President Pro Tempore

JJL/sd

cc Mr. Frank E. Corrente  
Mr. Gerry Florio  
Mr. Louis Ricci  
Mr. James T. Morris

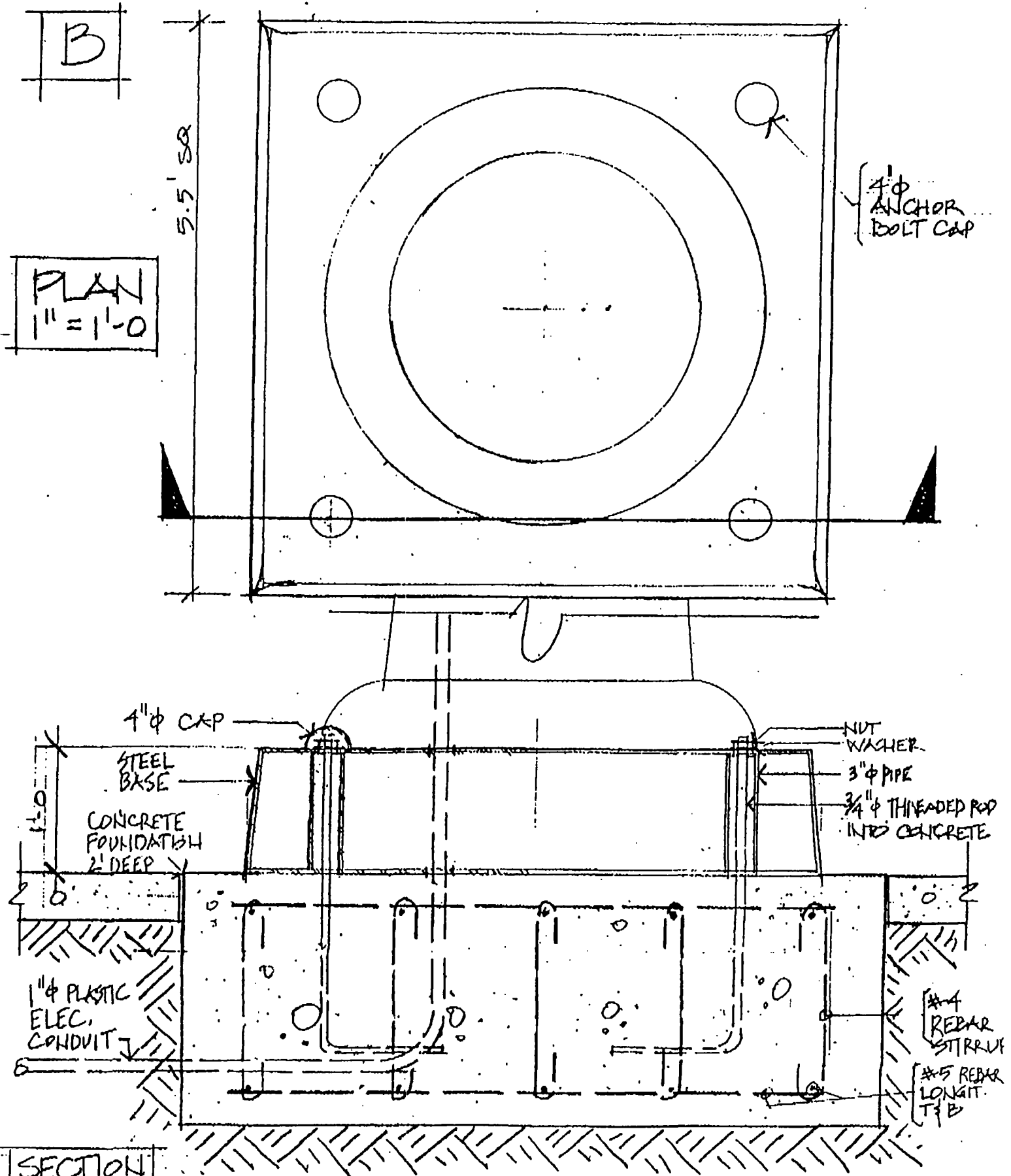


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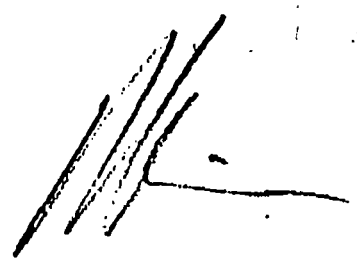
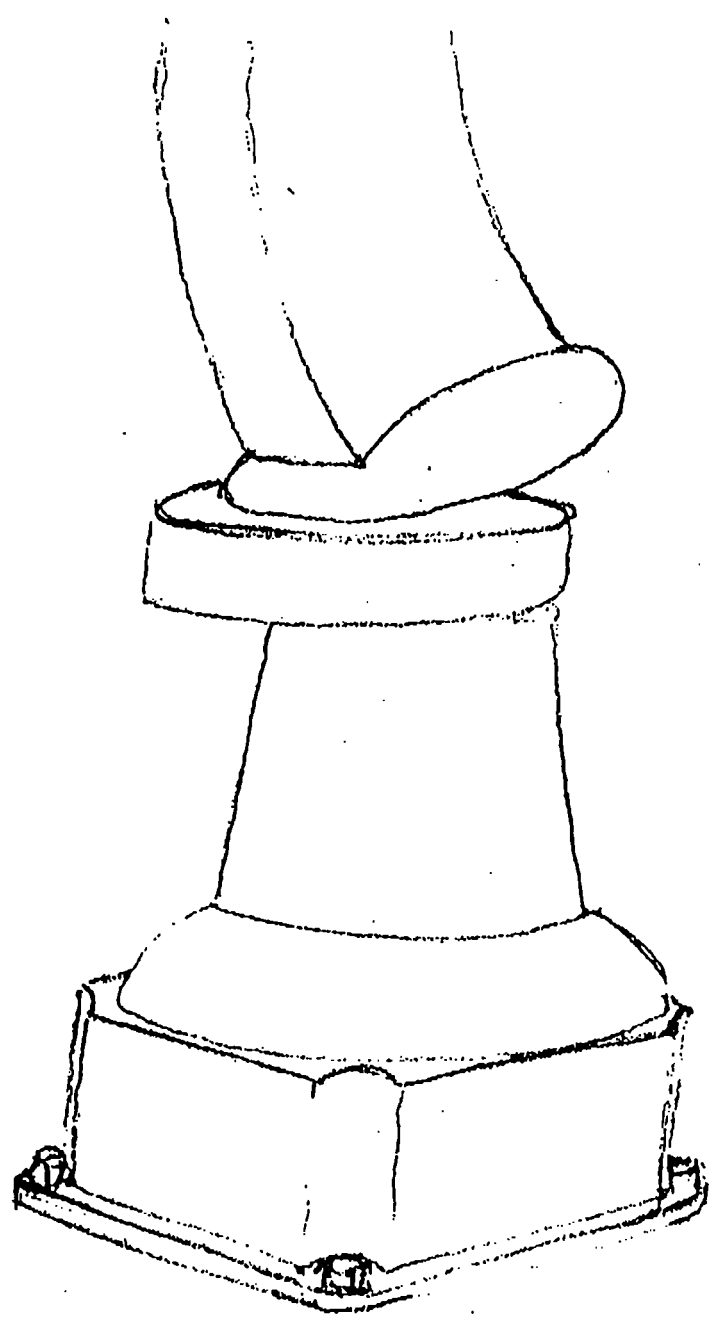
# TIME WAVE CLOCK SCULPTURE



97.2.5

R. LENNON HAMILTON, ARCHITECT

A

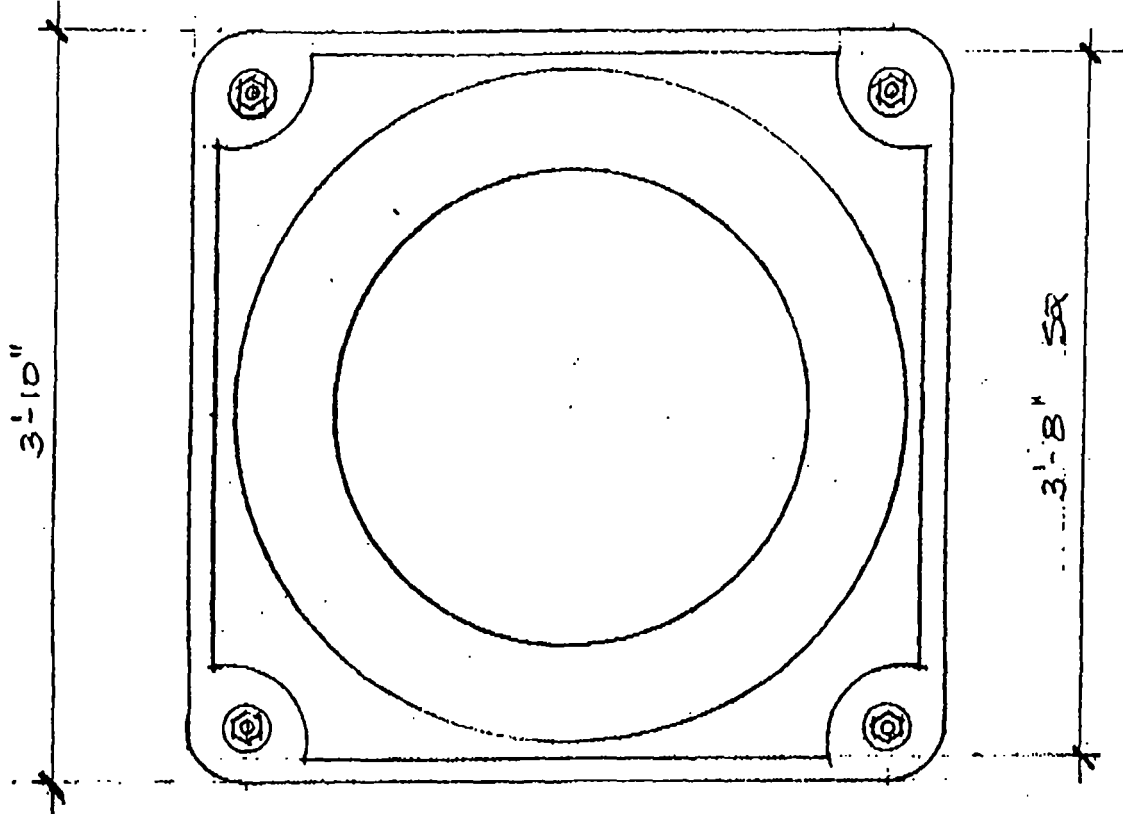




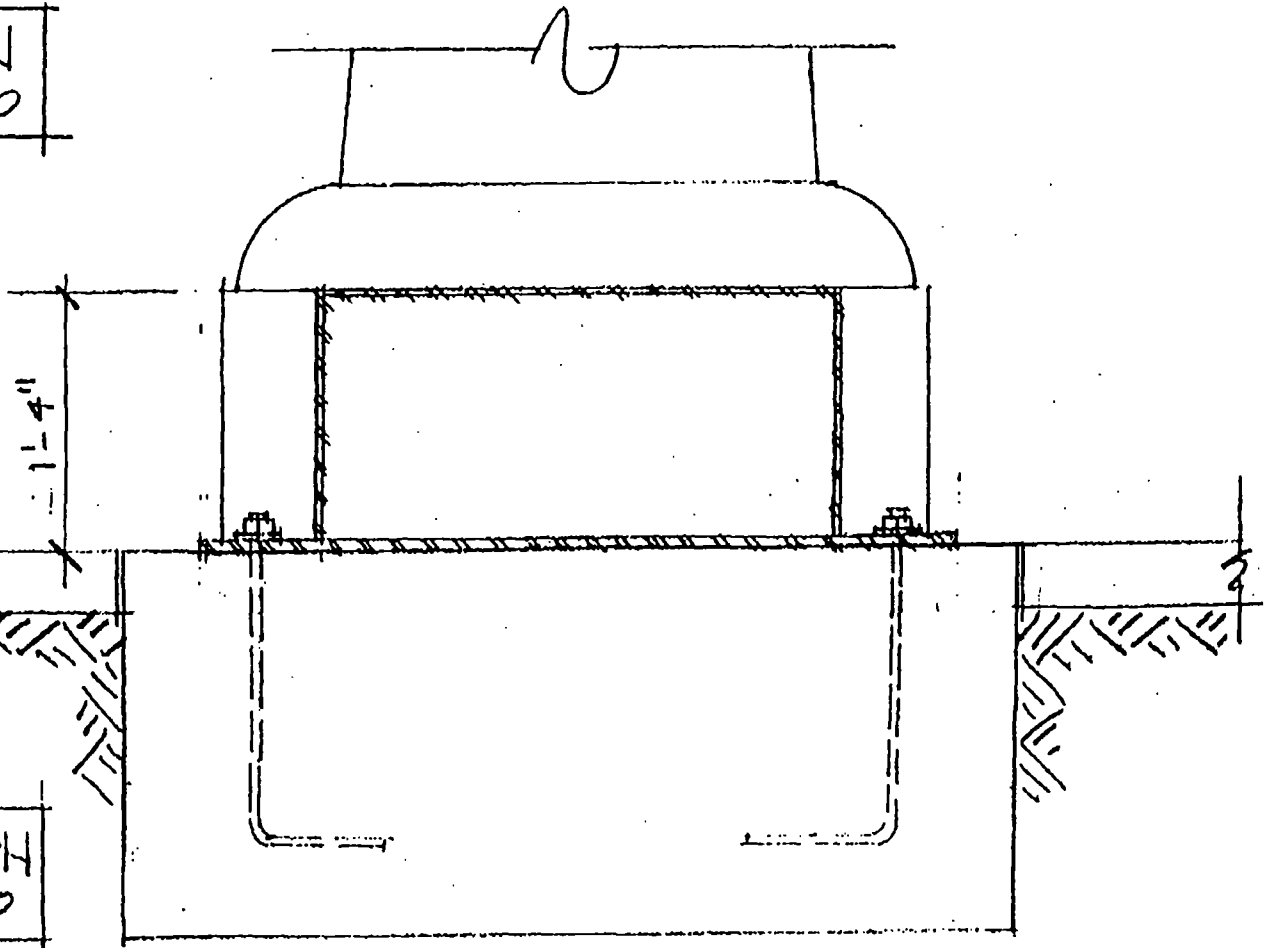
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# TIME WAVE CLOCK SCULPTURE

A



PLAN  
1"=1'-0"



SECTION  
1"=1'-0"



STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

RI STATE COUNCIL ON THE ARTS

95 Cedar Street, Suite 103  
Providence, R.I. 02903  
(401) 277 - 3880 TDD/VOICE

February 12, 1997

Mr. Michael Clement  
City Clerk  
City of Providence  
City Hall  
25 Dorrance Street  
Providence, RI 02903

Dear Mr. Clement:

The Rhode Island State Council on the Arts respectfully requests the review and approval of the City Council over the placement of a public art project on a Washington Street adjacent to the Shepard Building in downtown Providence. I understand that City Council has jurisdiction over this process, and I am grateful for this opportunity to seek their approval.

The attached material represents the result of a year-long public art review process to choose work for the newly-renovated Shepard Building. This project was developed under the terms of the State's "Art for Public Facilities" Law. **The City will have no financial responsibility for any aspect of this project.** The construction and installation of the art work is paid for through the Percent for Art Law. The work is insured for damage and liability, first by the artist during the installation phase, and, after acceptance of the work, by the Shepard Building and the State of Rhode Island. A conservation fund of \$10,000 has been established by the State Arts Council for the maintenance of the work over time.

A selection panel was convened to announce, review and then select art for this project. The selection panel consisted of the following people:

David A. Presbrey	Architect	Presbrey/Torrado Architects
Arnold Robinson	Preservationist	Providence Preservation Society
Gerald DeSchepper	Assoc. Dean	URI/College of Continuing Education
Sarah Wayland-Smith	Artist	Providence Art Club/Perishable Thtr
Leonard F. Clingham	Counsel	RI Department of Administration
Charlotte Diffendale	Arts Specialist	RI Dept of Education
Mathies Santos	Special Assistant	RI Dept of Education

A "Request for Proposals" (copy attached) was circulated to over 3,000 artists. We received applications from over 187 artists, and after an extensive review the panel reduced that number down to ten finalists. Of the ten finalists two artists were chosen. One artist, William Culbertson of North Smithfield, RI, is producing a work for the interior of the building. The other artist, Robert W. Ellison of Penngrove, California, has proposed the attached clock tower, to be situated on Washington Street.

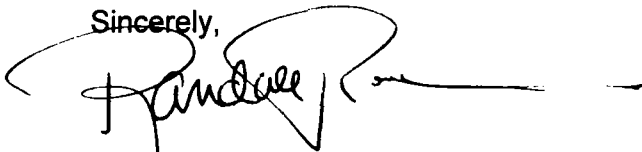
Mr. Ellison sees this clock tower in balance with the famous Shepard Clock on Westminster Street. While the Westminster Clock celebrates and looks to the past, of both the Department Store and the area, the Washington Street Clock looks to the future, both for the city and for the new uses of this historic building.

Mr. Ellison is an experienced artist, and has recently completed a similar project in Alaska. I have enclosed a copy of his resume for your information. In addition, Mr. Ellison has provided technical information on the clock and its installation, including information on windloading and the effects of weather on this clock.

I have had the pleasure of sharing this work with City Council member John Lombardi, who represents the Shepard Building area. He supports the work, and has offered to help in its presentation to the Council. I have also showed the work to the Mayor, who supports it, and I have received valuable support and assistance from Mr. Ferdinand Ihenacho, the Director of Public Works, and the City Solicitors Office, particular Ms. Patricia McGlaughlin. The DOWNCITY Design Review Committee informally reviewed the work, and raised some issues I believe we have addressed. I have shared the work with John Palmieri, director of the City Planning Department, and will meet with him and his associates later this week.

To this point I have received a great deal of support and encouragement from representatives of the City administration. I look forward to presenting this work to the members of City Council for their review and approval. If you have any questions please feel free to call me at 277-3880.

Sincerely,

A handwritten signature in black ink, appearing to read "Randall", with a long horizontal line extending to the right.

Randall Rosenbaum  
Executive Director

attachments

IN CITY COUNCIL  
FEB 20 1997  
FIRST READING  
REFERRED TO COMMITTEE ON  
PUBLIC WORKS

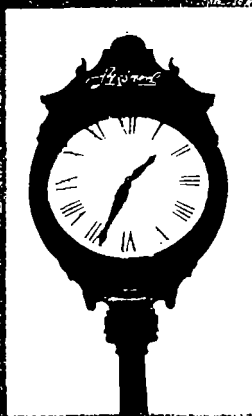
*Michael R. Clement* CLERK

*Communication*

THE COMMITTEE ON  
PUBLIC WORKS  
Approves Passage of  
The Within Resolution

*Barbara A. Parker*  
4/30/97 Clerk

ART IN PUBLIC PLACES



PROJECT:



The Rhode Island State Council on the Arts (RISCA), in association with the University of Rhode Island Providence Center and the Rhode Island State Department of Elementary and Secondary Education, announces a search for artists to create site specific artwork for the Shepard Building in downtown Providence. The art will be acquired through the state legislated Art in Public Places Program. Through this program Rhode Island recognizes its responsibility to expand the public's art experience by including works of art in public facilities. The program's goal is to create an environment of distinction, enjoyment, and pride for all citizens who work in, visit and use public facilities (RI State Law: Chapter 42-75,2).

#### PROJECT DESCRIPTION

The State of Rhode Island has recently completed a major restoration of the Shepard Building, an historic former department store occupying an entire block in the center of downtown Providence. The Shepard Building, a state-owned building, serves as the new home of the University of Rhode Island's College of Continuing Education as well as the offices of the Rhode Island State Department of Education's Department of Elementary and Secondary Education.

The project's architect is David Presbrey, of the Providence based architectural firm of Presbrey/Torrado Architects. The construction began in 1994 and was completed for a January 1996 opening.

A final component of this project will be the selection of art for the restored building. The art will be acquired in accordance with the state's Art in Public Places Law whereby one percent of the terminal construction cost will be dedicated to art acquisition. The public display of art in and around the restored building will contribute greatly toward an aesthetically pleasing environment.

A seven member art selection panel has been appointed by RISCA. It is composed of representatives from the State of Rhode Island, URI and the Department of Education, the project architect, and representatives of the public including a gallery director and artist, an artist/educator, an artist and a preservationist. The panel has met regularly to determine the scope of the art program and the potential sites opportunities.

#### ART PROGRAM GOALS

To develop the goals for the art program, the Art Selection Panel has considered the physical and emotional proportions of this complex site. As the site of significant traffic by students and others, a visit to the Shepard Building can be an exciting experience. Collectively, the works of art have the potential to:

- Serve as a link to the past, through the historic nature of the structure, and the future through the educational mission of its users: "where history and the future meet."
- Highlight the building's education focus by infusing the space with and about the work of about children, or which is done in collaboration with children.
- Celebrate the change in the use of the building from commercial to other uses.
- Identify the building and its environment: public art as a "place maker".
- Enliven the procession through the building.
- Expand or heighten awareness and perception.
- Delight, intrigue, challenge and educate the public about art.

#### BUDGET

\$132,700 is available to acquire art for the Shepard Building. This must cover all costs related to the artwork including artist fees, fabrication, installation, transportation of the art as well as all site work required. The Art Selection Panel anticipates commissioning one to three artworks and dividing the budget among those projects.

#### SELECTION PROCESS

The Request for Qualifications (RFQ) is the first stage of the selection process. Visual artists are invited to submit their slides and resumes for consideration (see application checklist for specific requirements). Artists who incorporate children in the development, fabrication and installation of work are encouraged to apply. From this group the panel will select up to 7 finalists. The finalists will be invited to submit specific proposals, in person, to the Art Selection Panel. In the final proposals the artist should convey their design in a drawing, with a statement that describes the project's intent, proposed materials, fabrication and installation methods and a preliminary budget. The finalists will be provided with a briefing package that includes plans, photographs and specific information about the Shepard Building's function. A site visit will be scheduled for the finalists to tour the building and meet with building representatives.

An honorarium of \$1,500 will be awarded to the finalists upon submission of the proposals. The proposal will remain the property of the artist. However, RISCA reserves the right to retain the proposal for up to one year for display purposes and the right to reproduce final proposals for documentation purposes.

The Art Selection Panel reserves the right to determine which spaces will be funded and the extent of funding for each area. The panel also reserves the right to not accept any final proposal submitted. Once the Rhode Island State Council on the Arts has approved the panel's recommendation, the selected artists will enter into contracts with the Rhode Island State Council on the Arts. The accepted artwork will be owned by the State of Rhode Island.

#### SELECTION CRITERIA

The panel will make its selection based on the following criteria:

- Quality and suitability of the final proposal in relation to the project goals and description.
- Relationship of the selected artworks to each other.
- Artist's ability to carry out the commission, to keep the project within the budget and on schedule.
- Permanence and durability of materials in a heavily used public facility. Must meet all safety requirements and applicable building codes and regulations.
- Willingness of the artist to consult with the architect, construction manager and building staff or designated representatives to assure an integration of the artwork in the site.

#### ARTIST ELIGIBILITY

This is an open invitation to all visual artists. Applications may be submitted individually or in collaboration with others. Since the art program aims to reflect the vitality of the state and its cultural diversity, the panel welcomes applications from all artists irrespective of age, color, sex, sexual orientation, race, religion, national origin, or disability. Excluded from participation are RISCA members, staff and their family members as well as Art Selection Panel members and their family members.

## COMPETITION CALENDAR

### Application deadline:

July 1, 1996 All applications must be received in the RISCA offices by 4:00 p.m. Late or incomplete applications will not be accepted.

### Application review:

Early August

### Notification:

Finalists will be notified by the beginning of September. Other applicants will be notified with the return of their application materials by the conclusion of the competition.

### Finalist Presentations:

Early November, 1996

### Announcement of selected artists:

Mid-November 1996

## SITE DESCRIPTIONS

### HISTORY

An impressive structure occupying an entire block in the center of the Downtown National Register Historic District, the Shepard Building housed what was in 1903 the largest full-service department store in New England. Built in stages between 1870 and 1903, the 6-story brick, stone, terra-cotta, and stucco-sheathed building incorporates portions of earlier buildings encompassed during expansion, and also features distinctive 2-story arched entrances at two of its corners. Its facades contribute to the character of three important thoroughfares—Westminster, Union, and Washington Streets. Shepard's remained a Providence shopping institution for nearly 100 years until it went bankrupt in 1974. Subsequently, the building sat empty, subject to deterioration and threatened by demolition, until the recent restoration took place.

The Shepard Building is the new home of URI's College of Continuing Education (CCE) along with other University programs, and the Rhode Island State Department of Elementary and Secondary Education. The Shepard building contains an expanded library, auditorium and dining facility, a bookstore, 24-hour security, free parking and much more. The facility is newly furnished and features state-of-the-art communications including Internet access and teleconferencing capabilities.

The URI Providence Center is also home to the new Graduate Professional Center which provides students with professional development courses and workshops, and master's degree programs in several areas including business, labor relations, public administration, clinical laboratory science and a variety of others.

### SITE DESCRIPTIONS

The Art Selection Panel has identified six sites in and around the building that may be considered by artists. In selecting these particular sites, the panel has considered the facility's complex operational requirements and the building's design.

#### Site 1: Elevator Lobby Areas

Each floor above the main floor (floors two through six) has a common area that operates as a central meeting and social area. These spaces are differently configured on each floor, with different dimensions and even different ceiling heights. The lighting is mostly fluorescent, and the walls are constructed of sheet rock. Some floors may have weight restrictions. The selection panel would consider commissioning one artist to create a work that would be thematically reflected in some or all of these lobby spaces.

#### Site 2: Westminster Street Entrance

This is an interior site adjacent to one of the main entrances to the Shepard Building, at the corner of Westminster and Union Streets. Upon entering the building and passing through the vestibule, immediately on the right is a two-story area with floor dimensions of approximately 4' by 13', and a height of approximately 28', bisected by structural supports. This space is next to glass windows, providing an opportunity for a work visible from inside and outside the building. It is also adjacent to some interesting architectural features. There may be some weight restrictions placed on pieces located in this area.

#### Site 3: Wall space over the Grand Staircases

As one walks down the Grand Staircases from the Second Floor, there are large blank walls over the bottom of each staircase. The dimensions of each wall are approximately 15' by 9', and the walls are constructed of sheet rock. These walls are visible from the Second Floor mezzanine level as well as from the First Floor.

#### Site 4: Space under the Grand Staircase

On the First Floor near the Washington Street entrance, across from the entrance to the library and under the Second Floor landing of the Grand Staircase, is an area approximately 6' by 10' with a height of approximately 12'. This area is also adjacent to the main flow of traffic through the building, is next to glass windows, and therefore a work placed in this

#### Site 5: Wall space in the Student Lounge

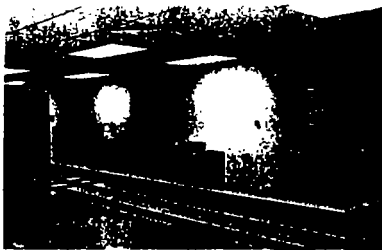
The student lounge is located at the center of the building on the first floor opposite the elevators. This lounge serves as a social and dining area for students, is the entrance to a cafeteria as well as an auditorium, and also serves as a reception area for building functions. As you enter the lounge you face a sheet rock wall 15'-2" in width, which currently holds a bulletin board. The ceiling in this space is 9'-2" high, and track lighting is currently in place illuminating the bulletin board. This space would be appropriate for a two-dimensional work, or a hung three-dimensional work that did not extend out into this limited space.

#### Site 6: Outdoor artwork

Keeping in mind that the Shepard Building is an historic structure with a unique and beautiful facade, the Selection Panel felt that an important objective of public art is to identify and celebrate the new uses of this space. One way to do this might be through an exterior work of art, either attached to the structure or located in the limited pedestrian areas surrounding the building. City ordinances require that any exterior installation be subject to regulatory agency review for installation, but not artistic content.

### NOTE:

Since the Shepard Building is completed, the artwork must be designed in response to the planned conditions. The completion of the selected projects will be scheduled to accommodate the artist's fabrication needs and installation requirements in an active public space.



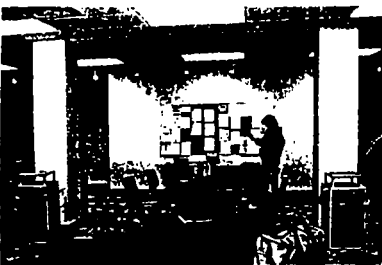
Site 1: Elevator Lobby Areas ▲

Site 2: Westminster Street Entrance ►



Site 3: Wall space over the Grand Staircases ▲

Site 4: Space under the Grand Staircase ►



Site 5: Wall space in the Student Lounge ▲

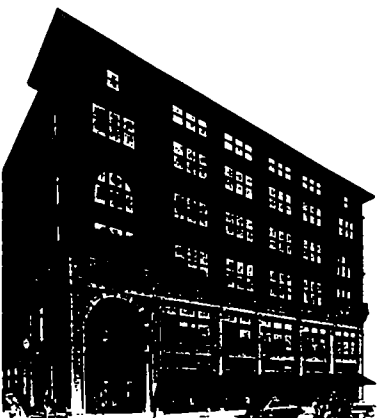
Site 6: Outdoor artwork ►

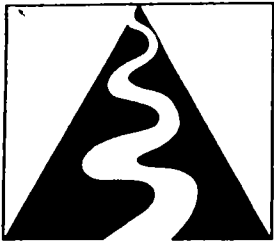
## QUESTIONS

All questions may be addressed by letter or fax to Rhode Island State Council on the Arts, 95 Cedar Street, Suite 103 Providence, RI 02903 FAX 401-521-1351

## APPLICATION CHECKLIST

- ☐ 1 Completed application form
- ☐ 2 Up to ten 35mm slides of previous work in a plastic slides sheet. Slides should be individually labeled with the artist's name, and a number that corresponds with the slide list description. Applicants who do work that incorporates movement or sound may submit a short videotape which may be viewed selectively. Video should be accompanied by an index describing its contents.
- ☐ 3 A numbered slide list that indicates title of work, medium, date, cost, location, and name of client or commissioning agency where applicable.
- ☐ 4 A resume with emphasis on public art experience and commissions.
- ☐ 5 A statement of interest concerning your approach to this project, and how you might execute the commission together with relevant past experience, not to exceed one typed page. *Note: While this statement is informative, the review of previous work is the principal means by which candidates will be selected.*
- ☐ 6 A self addressed envelope with sufficient postage to return the materials. Application materials will not be returned without a stamped envelope.





***Robert W. Ellison • 6480 Eagle Ridge Rd. • Pennngrove, CA 94951***

June 25, 1996

Rhode Island State Council on the Arts  
95 Cedar Street  
Providence, RI 02903

**Subject:       Shepard Building**

Dear Committee Members:

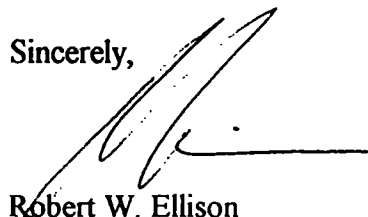
Thank you for the opportunity to present my credentials to you. I have reviewed the site descriptions and photos taking particular note of your interest in preserving the character of this historic building. Developing a sculptural addition which addresses the unique and historical character of this building and it's new multi-functional dimensions in an interesting opportunity.

The submitted slides show a variety of forms utilizing spatial relationships, size, color and content statement - including a degree of whimsical humor. I hope you enjoy reviewing the slides, keeping in mind that I am interested in designing a piece that would evolve out of your needs and reflect the modern and historical character of the Shepard Building.

For the last 25 years, I have been making public sculpture for a wide variety of environments. Currently, I am completing an animated clock tower "Point to the Time" and a related indoor piece, "Time Travel" for an elementary school in Anchorage, Alaska (to be installed in August). As always, this piece will be finished within the set timeline and within budget.

I am looking forward to hearing from you. I hope you will allow me to more specifically respond to your needs with a site-specific proposal. I would enjoy working with you to develop a work of art that would be visually exciting, intriguing and enduring.

Sincerely,



Robert W. Ellison

RWE:ab

***(707) 795-9775 • (707) 795-7974***



Robert W. Ellison  
6480 Eagle Ridge Road  
Penngrove, California 94951  
(707) 795-9775  
Steel Sculpture

Solo Exhibitions:

1995	Sculpture Invitational, Mueso Valle d' Aosta, Torino, Italy
1995	Contract Design Center, San Francisco, CA
1992	American President Lines Headquarters, Oakland, CA
1991	Victor Fischer Galleries, San Francisco, CA
1988	San Francisco State University, San Francisco, CA
1984	Rabak & Russel Gallery, San Francisco, CA
1984	San Francisco Academy of Art College, San Francisco, CA
1981	San Francisco Redevelopment Agency, San Francisco, CA
1978	San Francisco Civic Center Plaza, San Francisco, CA
1977	Mills College Art Gallery, San Francisco, CA
1976	James Willis Gallery, San Francisco, CA

Group Exhibitions:

1994	Mountain View City Hall, Mountain View, CA
1994	Syntex Corporation 50 Year Anniversary Show, Palo Alto, CA
1994	La Quinta Sculpture Park, La Quinta, CA
1994	City of Palm Desert, Palm Desert, CA
1993	Northshore Sculpture Park, Skokie, IL
1991	Fermi Lab U.S. Dept. of Energy, Batavia, IL
1991	Oakland City Center, Oakland, CA
1990	People's Choice Project, Concord, CA
1975	Richmond Art Center, Richmond, CA
1975	Laguna Beach Museum of Modern Art, Laguna Beach, CA
1971	Detroit Institute of Arts, Detroit, MI

Commissioned Work:

Anchorage Municipal School District, Anchorage, AK  
University of Wisconsin, Platteville, WI  
Central College, Maytag Student Center, Pella, IA  
Washington State University, Pullman, WA  
Michigan State University, East Lansing, MI

Awards, Honors:

1990	Purchase recommendation "People's Choice Project", Concord, CA
1976	Feature Exhibit, Bicentennial San Francisco Art Festival
1975	First Place Award, 21st Annual All California Show Laguna Beach Museum of Art
1974	Purchase Prize, San Francisco Art Festival
1971	First Place Award, Detroit Institute of Arts

Personal Information:

Born:	Detroit, Michigan 1946
Education:	B.F.A., Michigan State University 1969 M.F.A., Michigan State University 1971
Teaching:	Michigan State University, Lansing, MI Lansing Community College, Lansing, MI College of Marin, Kentfield, CA San Francisco Academy of Art College

Professional Organizations:

Artists Equity  
Pacific Rim Sculpture Group  
Sonoma County Cultural Arts Council

## 1. PRESENTATION

I am submitting a model (December 6th) of an outdoor clock-sculpture entitled "Time Wave" to be located on the Washington Street side of the Shepard Building. Dimensions are 30 ft. x 5 1/2 ft. (top) x 4 1/2 feet (bottom) x 4 1/2 ft. (scale is 1" to 1').

Materials of "Time Wave" are painted welded steel and colors would be the same as those on the model, but would be negotiable per input from David Presbrey and other involved parties. The finished sculpture would be sandblasted to a white metal surface, primed with an epoxy primer, then covered with a catalyzed aliphatic urethane color-coat. This is the same paint system used on ocean freighters and off-shore oil derricks and is generally considered maintenance-free. I believe the same system was used on the painted metal portions of the Shepard Building restoration. I have used this paint system on numerous sculptures over the years and little or no maintenance has been required. More information on the paint system is contained in Section 5 of this submittal.

I am including technical specifications for the clock faces and information on Electric Time Company, Inc., the clock face and mechanism manufacturer. This same company did the recent restoration on the Shepard Clock. The clock is adjustable from within the building. The inert gas lighting would be included in the sealed clock unit supplied by Electric Time Company, Inc. (See specifications). The lighting is designed to precisely illuminate and enhance the clock surface and is protected by a 1/4 inch thick sealed, clear acrylic plate. Maintenance for this lighting should be zero under any conditions. It is guaranteed along with all elements of the clockworks. Color of the lighting would be a soft yellow-white. This is provided by an argon-mercury gas in a triphosphorous tube.

## 2. CONCEPT

"Time Wave" uses a traditional clock format as a departure from which the totemic sculpture assemblage has evolved. The historical reverence and loyalty directed toward the existing landmark, The Shepard Clock, generated more than a little anxiety in me during this undertaking. Addressing the goal "Where History and the Future Meet" opened the door to the development of a contemporary counterpart to the historical clock. The next step was to produce a design that is an appropriate and worthy counterpart.

The scale (30 feet tall) was established to be a public art "place maker" in this urban environment. It will be recognized and appreciated from vehicular and pedestrian traffic, surrounding buildings, and from windows in the Shepard Building itself.

The animated "teetering" forms are designed to add delight, intrigue, and challenge to viewers of all ages...to add comic relief to today's world. The wavy element towards the top of the piece references the geographic uniqueness of Rhode Islands' vast shoreline. This wave combines with the clockworks element to provide the namesake for this sculpture "Time Wave".

The colors were selected to relate to, but not duplicate, those on the Shepard Building. Each individual form has its own color, adding to the whimsy of the assortment of forms. Most colors are repeated to provide a sense of continuity within the whole.

### 3. SITE

After scrutinizing and photographing all of the designated potential sites, the decision to design a clock precipitated the options down to the Washington Street sidewalk. Placement would be between the overhead Shepard sign and the southwest corner of the building. The clock pedestal would be located as close to the curb as possible, or, if possible a "blip" could be formed in the sidewalk into the street to generate extra sidewalk clearance with only minimal parking area reduction.

The relatively narrow Washington Street sidewalk (12 feet) combined with the scale of the building resulted in the need for a very tall, slender format with an even smaller footprint. Additionally, the sweeping curve in the lower part of the clock-sculpture would bulge away from the building, providing a greater sense of space within the close proximity.

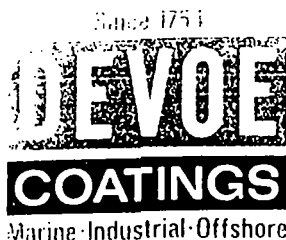
The clock positioning would be such as to allow the opposing clock surfaces to face up and down Washington Street.

#### 4. ESTIMATED TIME & BUDGET

The clock-sculpture and clock mechanism will be fabricated and installed within six months of award of contract, or in the summer of 1997. The sculpture is designed to be fabricated in one piece at my facility and shipped to your site in a 40 foot container via truck or rail. It would then be erected by crane at the site. Upon arrival of the prefabricated piece from my shop and the clockworks from Massachusetts, installation time is only a few days. A budget follows:

Design Fee	\$ 8,000.00
Engineering/Working Drawings	2,450.00
Fabrication Labor	16,400.00
Equipment Rental	2,000.00
Permits	500.00
Transportation to Site	4,500.00
Insurance	1,200.00
Installation	2,500.00
Sandblasting & Painting	5,750.00
Materials	14,000.00
Electrical	3,500.00
Clockworks & Neon	4,800.00
Studio & Operating Costs	4,900.00
*Site Preparation (Concrete)	3,000.00
Plaques	300.00
Photographic Documentation	300.00
Contingency - 5%	<u>3,900.00</u>
 TOTAL	 \$78,000.00

\*does not include cost of unknown sub-surface reinforcement



# Bar-Rust™ 235

## Multi-Purpose Epoxy Coating

Catalog Number 235-K-XXXX

### FEATURES

#### Exceptional Corrosion Protection

- Salt and fresh water immersion resistance
- Corrosive chemical environments

#### Lowers The Cost Of Surface Preparation

- Surface Tolerant
- Excellent adhesion to tight rust
- Good adhesion to damp surfaces

#### Low Temperature Cure

- Cures down to 0°F (-18°C)
- Fast dry-to-recoat

#### Application

- Self-priming

#### Approvals

- EPA-potable water (Off White and Buff only)
- Grain cargo-North England Ind. Health Ser.
- MIL-P-23236B(SH) Type I and IV Class 2
- Canada Health and Welfare-Railcars, dry food, fish holds (Off White and Buff only)
- USDA approval for incidental food contact (limited colors)
- MIL-P-24647 and Chapter 631, Table 631-8-10, keel to rail and exterior topside

### RECOMMENDED USES

#### Tank Linings and Pipe Coatings

- Ballast and potable water tanks
- Bilges, wet voids and drainage pipes

#### Ships, Offshore and Marine Structures

- Above and below-water hull areas
- Decks and superstructures
- Multi-purpose repair coating

#### Structural Steel, Equipment and Masonry

- Pulp and paper mills
- Chemical and fertilizer plants
- Sewage treatment plants
- Storage tanks and pipes
- Bridges

#### Fabrication and New Construction

- Speeds up production, even at low temperatures
- A single multi-purpose, surface-tolerant coating

### SPECIFICATION DATA

Coating Type	Advanced technology epoxy
Colors	Catalog Number 235-K-XXXX
See color card for available colors	
Packaging	5 Gallon and 1 Gallon two-component kits
Component Ratio	4 to 1 by volume
Gloss	Semi-gloss
Flash Point	100°F (38°C) Setaflash
Thinner	
For exterior and clean up	Devco T-10 Thinner
For interior	Devco T-4 Thinner
For potable water	Devco T-5 Thinner
Over aged alkyds	Devco T-5 Thinner
Working Life	4.5 hours at 77°F (25°C)
Shelf Life	More than 2 years
Density	11 Lbs/Gal (1.3 kg/l)
Induction time	15 minutes at 77°F (25°C)

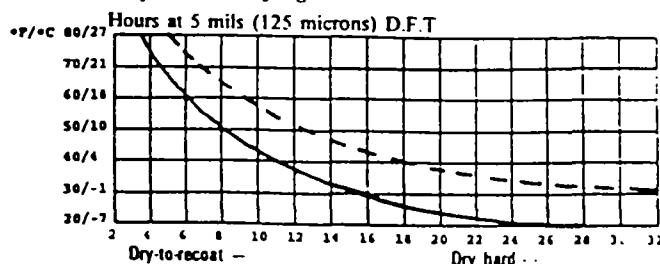
Induction time	15 minutes at 77°F (25°C)
VOC	2.4 Lbs/Gal
EPA 24	(292 Grams per liter)
Temp. Resistance	250°F (121°C) dry
Volume Solids	68% ASTM D2697 (7 day)

**Theoretical Spreading Rate**  
1091 Sq.Ft/Gal at 1 mil (26.9 Sq.m/l at 25 microns)

**Recommended Film Thickness**  
5.9-11.8 mils wet to obtain 4.0-8.0 mils dry

**Application** Spray, brush or roller

#### Time — Temperature Drying Curve



The above curve is intended only as a general guideline. Ventilation, film thickness, humidity, thinning and other factors can influence the rate of dry (ASTM D1640)

Since 1754

# DEVOE COATINGS

Marine · Industrial · Offshore

## Devthane™ 379

Aliphatic Urethane Gloss Enamel

Catalog Number 379-K-XXXX

### FEATURES

#### Highest Gloss and Gloss Retention

- Holds its "new appearance" longer than non-heat cured products.

#### Outstanding Color Retention Properties

- The original bright colors will not fade or discolor

#### VOC Compliant

- 2.6 Pounds per gallon - 311 Grams per liter

#### Excellent Application Properties

- Designed for airless or air spray as well as brush or roller application

#### Excellent Aged Recoatability

- When cleaned with Devprep® 88 Cleaner

### RECOMMENDED USES

Devthane 379 Enamel will provide the maximum gloss and color retention as well as resistance to moderate-severe corrosive environments for:

- Transportation industry
- Chemical processing industry
- Pulp and paper industry
- Bridges and storage tanks

Devthane 379 Enamel also excels in marine applications

- Fishing fleets
- Passenger vessels
- Support vessels
- Offshore structures

Recommended for steel, aluminum, masonry or fiberglass when properly primed.

### SPECIFICATION DATA

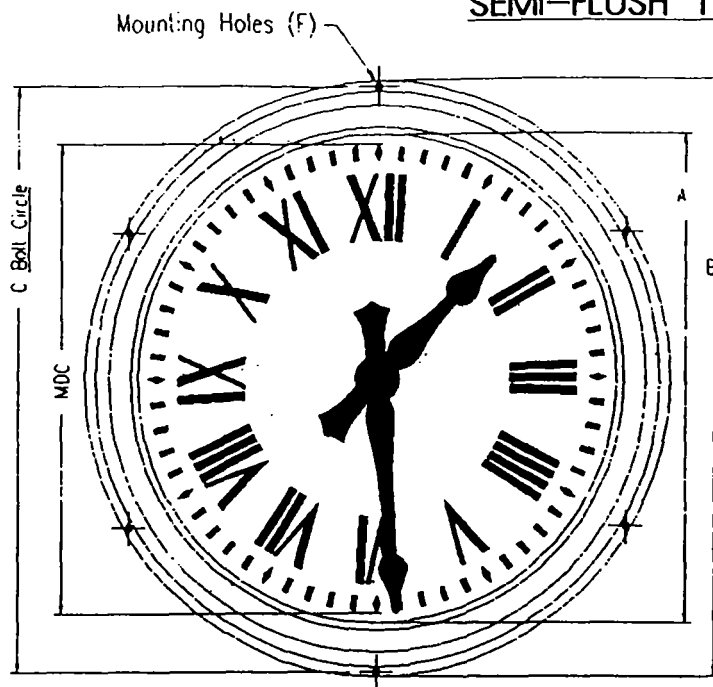
Coating Type	Aliphatic Acrylic Urethane
Colors	Catalog Number
See Color Card	379-K-XXXX
Packaging	5 Gallon and 1 Gallon two-component kits
Component Ratio	4 to 1 by volume
Gloss	High gloss
Flash Point	80°F (27°C) Setaflash
Thinner	
Spray application	Devoe T-9 Thinner
Brush or roller application	Devoe T-17 Thinner
Pot Life	8 hours at 77°F (25°C)
Shelf Life	More than 1 year
Induction Time	15 minutes at 77°F (25°C)

Density	11 Lbs/Gal (1.3 kg/l)
VOC	2.6 Lbs/Gal
EPA 24	(311 Grams per liter)
Temp. Resistance	250°F (121°C) dry
Volume Solids	63%
	ASTM D2697 (7 day)
Theoretical Spreading Rate	
	1011 Sq. Ft/Gal at 1 mil
	24.9 Sq. m/l at 25 microns
Recommended Film Thickness	
	3.2-4.8 mils wet to obtain 2.0-3.0 mils dry
Application	Air or airless spray
	brush or roller
Dry Time	At 77°F (25°C), 50% RH
Hard	16 - 24 hours

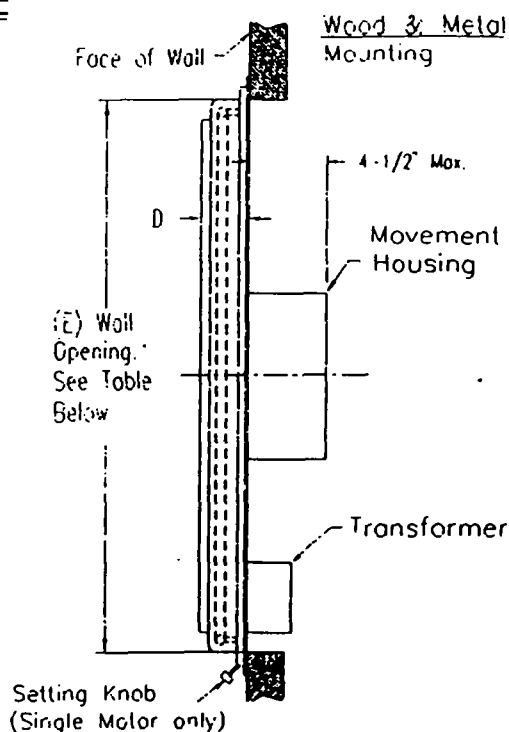


Division of Crown Group, Inc.

**OUTDOOR ROUND GAS TUBE ILLUMINATED CLOCKS**  
**SEMI-FLUSH TYPE**



Face



**SPECIFICATIONS**

Clear Acrylic crystal provided on all sizes.  
White neon tube provided under bezel of clock reflects light onto clock center.

Clock is set from the front by means of a pendent set knob (sizes 18" - 36").  
Clock is set from the front by a pull cord, or from the back by a set knob (42" size).  
Spun aluminum case finish with a matte black polyurethane finish.

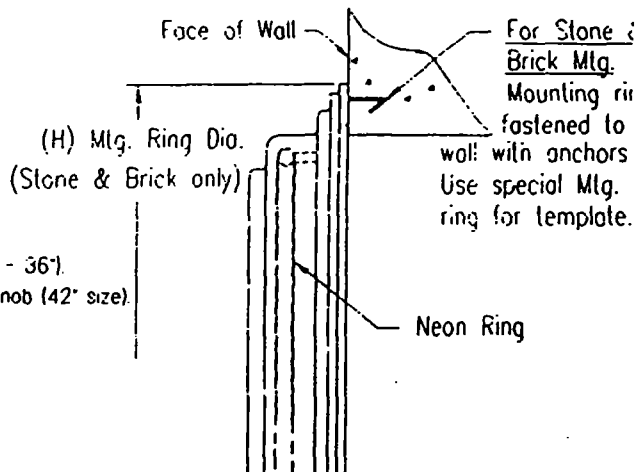
Options:

Style 99A-DM automatic reset control, refer to manual M114 and page 11 of Publication 16730/ELE.

Other dial markings and hands, refer to page 4 of publication 16730/ELE and data sheet 439.

Neon tube may be different colors.

Clock case can be provided in different finishes.



Stone or Brick Mounting

**NOTE: SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE**

**61A00 SERIES — SEMI-FLUSH CLOCKS**

STYLE	SIZE	MDC	A"	B"	C"	D"	E Wall Opening Drawing No.	F"	G"	H"	SHIPPING LBS.
61A18	18	17	18	23-1/8	22-5/8	2-5/8	A-4682	6		23-3/8	16#
61A24	24	23	24	29-1/4	28-3/4	2-5/8	A-4704	6		29-1/2	17#
61A30	30	27-1/2	28-1/2	34-1/2	34	3-3/8	A-4896	8		34-3/4	70#
61A36	36	33-1/2	34-1/2	40-1/4	39-13/16	3-3/8	A-5067	10		40-1/2	100#
61A42	42	39-1/2	41	46-7/8	46-7/16	3-3/8	A-5040	12		47-1/8	200#





## **WARRANTY - Street Post Clocks and Tower Clocks**

### **Product Warranty**

The Clock you have purchased is guaranteed by us to be free from defects of material, and of construction, for a period of three years from the date of installation.


### **Service**

We will maintain the ability to repair this and all our tower and street clock products, as we have done since 1928, our date on inception. Should a problem occur, please contact us at:

Electric Time Company, Inc  
P.O. Box 466  
45 West Street  
Medfield, Massachusetts 02052 U.S.A.  
Tel.: (508) 359-4396 Fax: (508) 359-4482

On-site service, start-up or as needed, is available for your convenience, subject to our latest "Standard Terms and Conditions of Sale".

This equipment is sold subject to the mutual agreement that is warranted by us to be free from defects of material and construction, but our liability in connection with it shall be limited to replacing or repairing without charge at our factory any such defects which become apparent within three years from the date of installation (excluding florescent lamps), that we shall have no liability for damages of any kind arising from the installation and/or use of the equipment by anyone, and that the purchaser, by the acceptance of the equipment, will assume all liability for any damages which may result from its use or misuse by the purchaser, his or its employees, or by others. There is no guarantee or liability except as here stated.



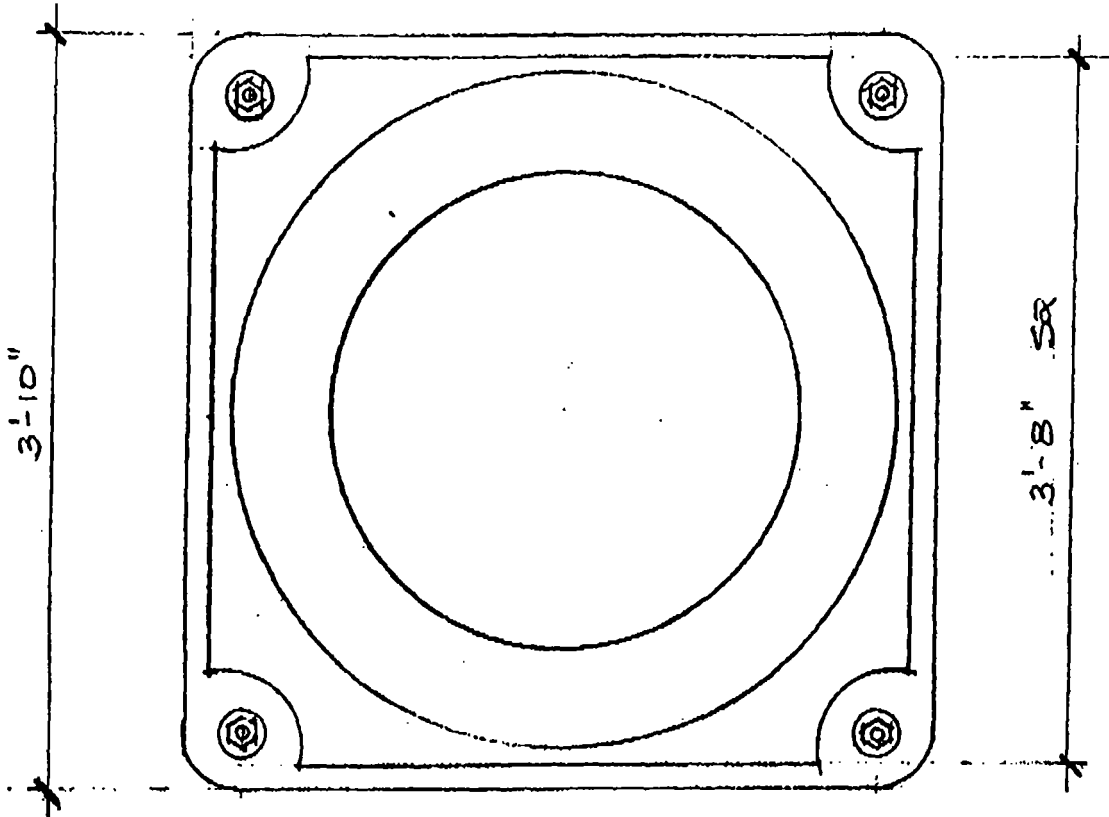
Thomas D. Erb  
President  
Electric Time Co., Inc.

E:\WARRANTY.WPD

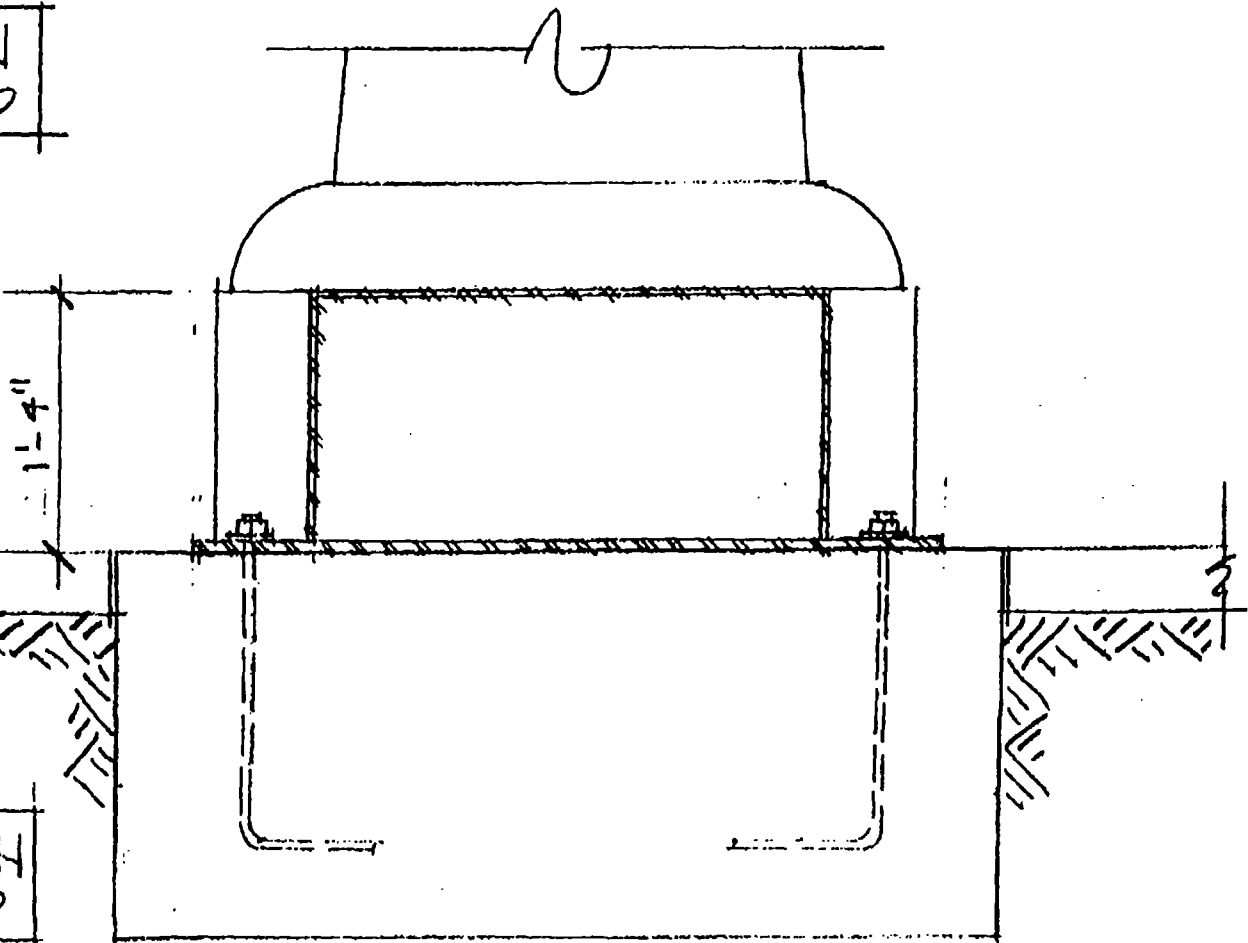
(2)

# TIME WAVE CLOCK SCULPTURE

A



PLAN  
1"=1'-0"

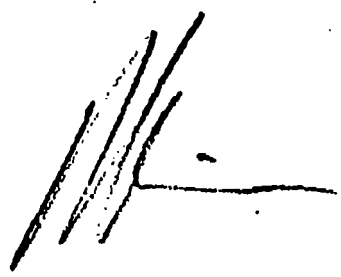
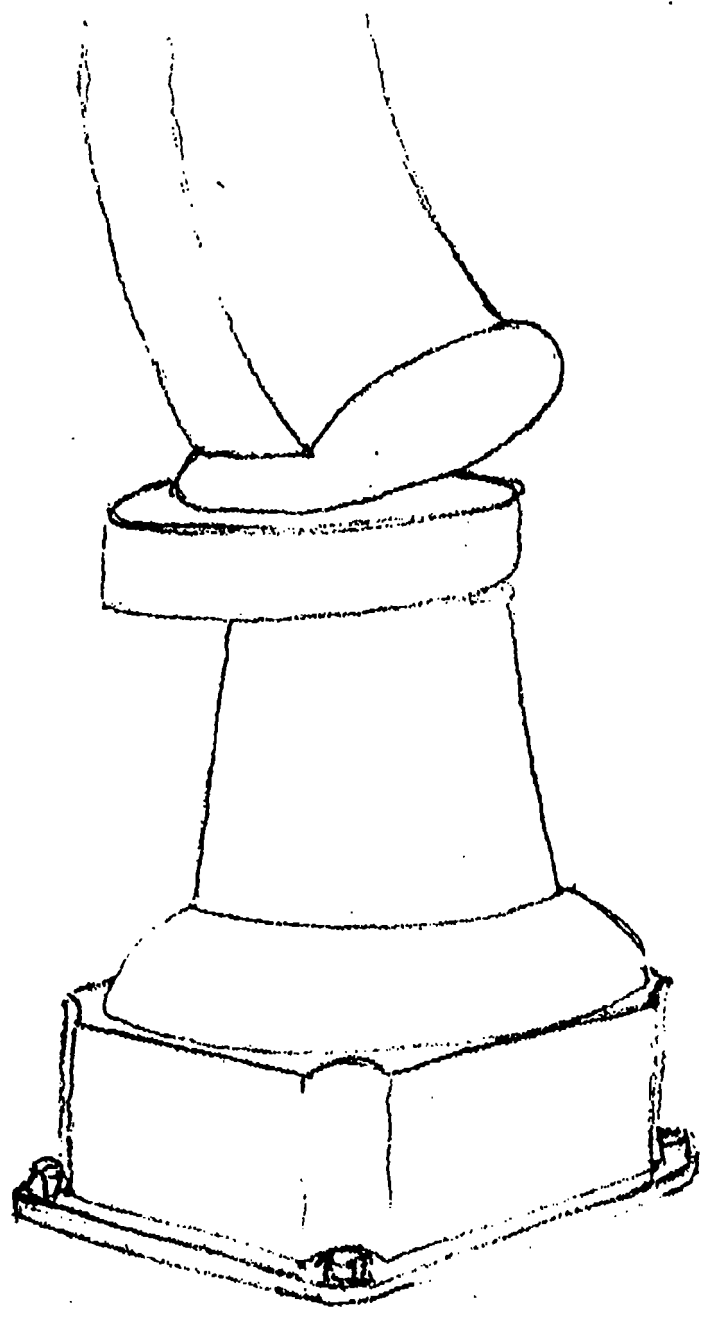


SECTION  
1"=1'-0"

077.7 05

R. LENNON HAMILTON, ARCHITECT

A



(4)

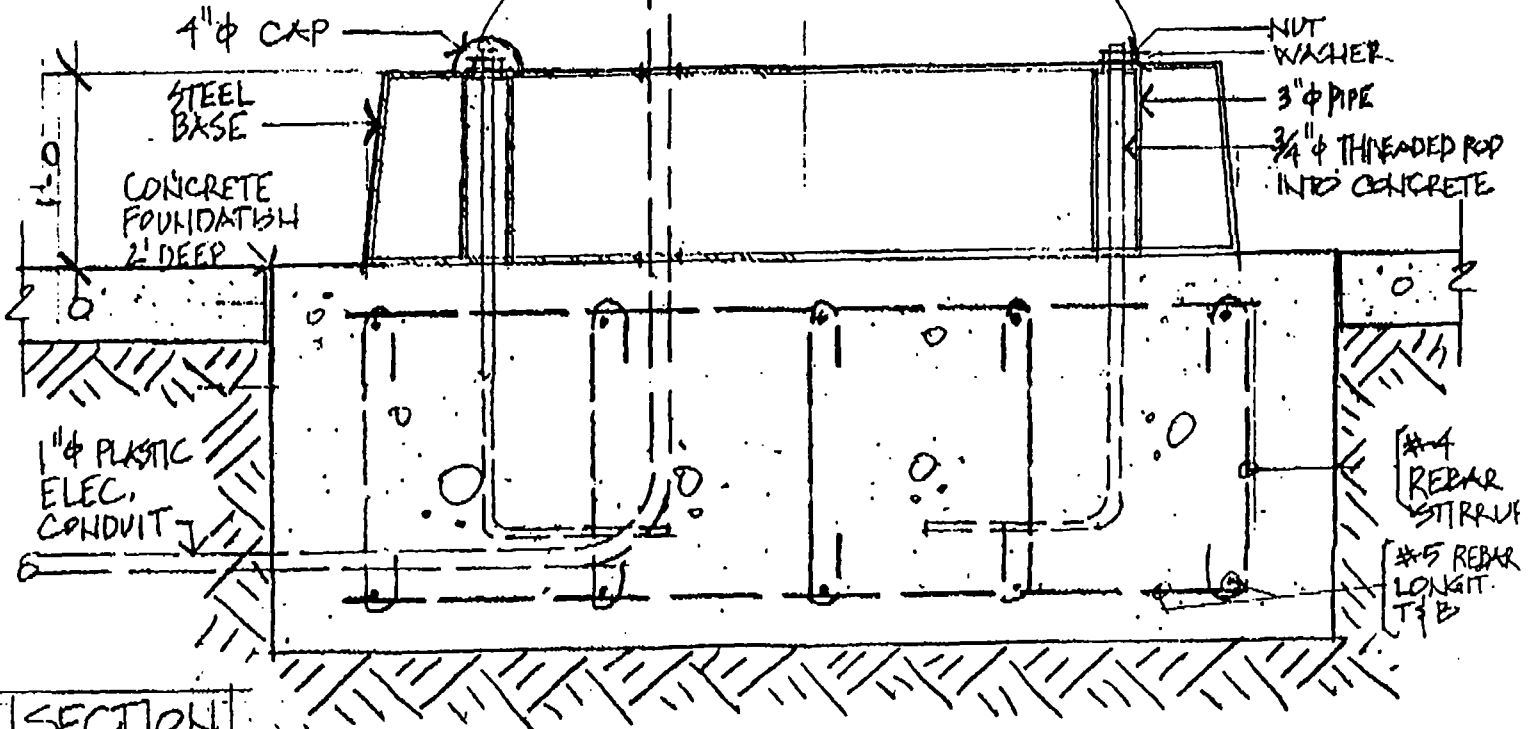
# TIME WAVE CLOCK SCULPTURE

B

5.5' SQ

PLAN  
1" = 1'-0"

4"  $\phi$  ANCHOR BOLT CAP

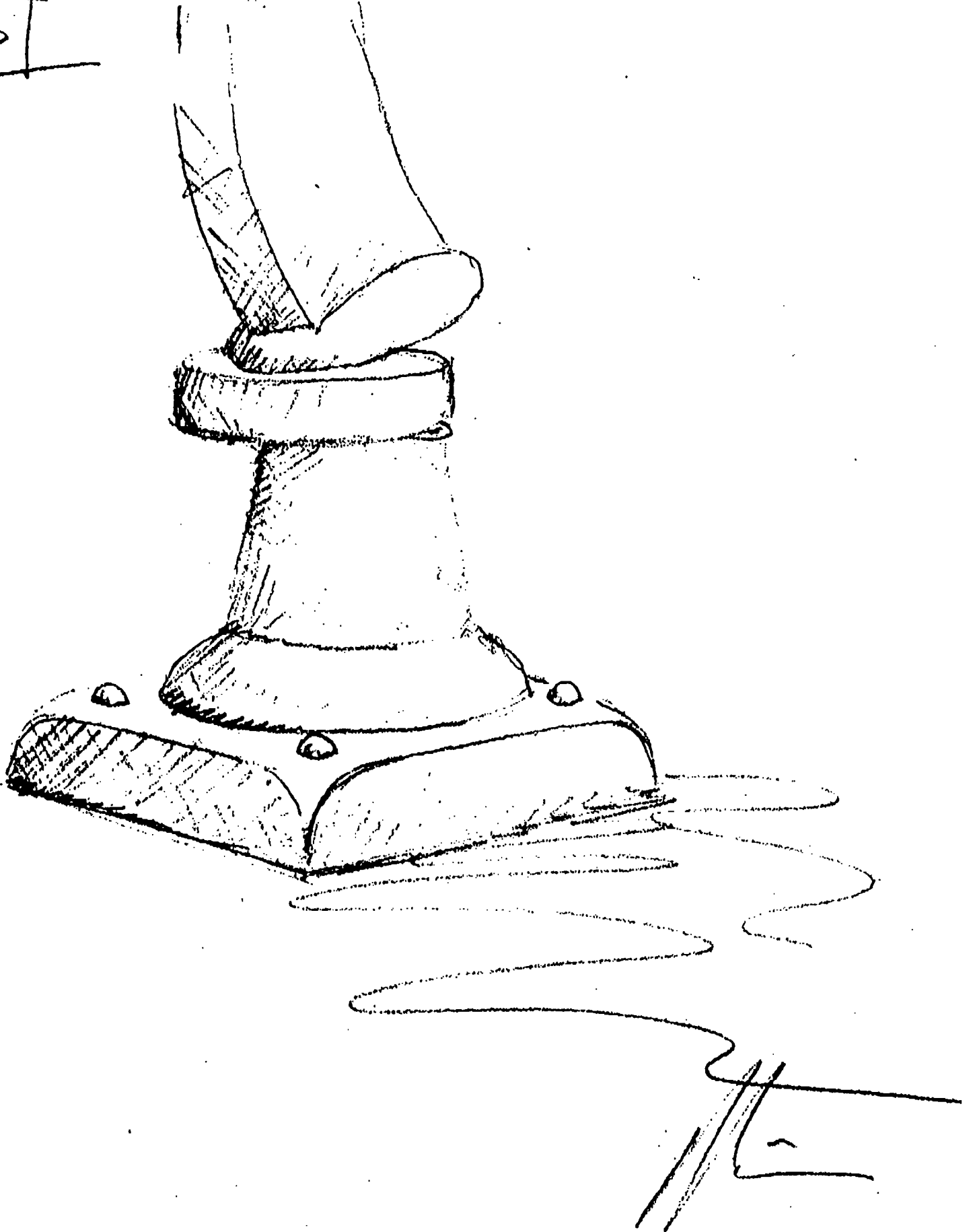


SECTION  
1" = 1'-0"

97.2.5

R. LENNON HAMILTON, ARCHITECT

B





STRUCTURAL  
CALCULATIONS  
FOR  
SHEPARD BUILDING  
CLOCK SCULPTURE  
PROVIDENCE,  
RHODE ISLAND  
FOR  
RHODE ISLAND STATE COUNCIL ON THE ARTS



R. LEONN HAMILTON, ARCHITECT

C-11996

97 FEB 5

## LOADS

SCULPTURE WEIGHT  $\approx 7$  KIPS

FOOTING AREA:  $5.5' \cdot 5.5' = 30.25$  SF.

$$7./30.25 = \underline{\underline{.23 \text{ KIPS/SF}}}$$

WIND LOADING:

$$P = C_e C_g q_s I$$

$$C_e = .76$$

$$C_g = 1.4 \quad \text{PROJECTED AREA}$$

$$q_s = 20.8 \quad (30')$$

$$I = 1.$$

$$\text{AREA} \approx 30' \cdot 3' = \underline{90 \text{ SF.}}$$

$$P = .76 (1.4) 20.8 (1) = \underline{22.1 \text{ PSF}}$$

$$F = P \cdot \text{AREA}$$

$$= (22.1) (90)$$

$$\approx \underline{\underline{2 \text{ KIPS}}}$$

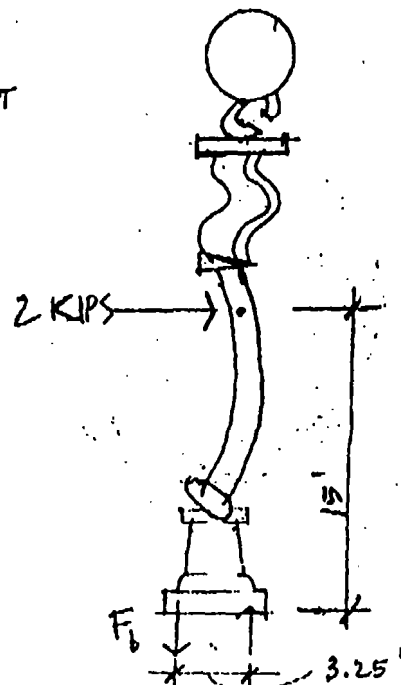
## OVERTURNING MOMENT CHECK

$$M_{\text{OVER}} = .66 (2000\#) \cdot 15' = 20 \text{ K}\cdot\text{FT}$$

$$F_{\text{bol}} = 20000 / 3.25' / 2 \text{ BOLTS/SIDE}$$

$$= \underline{\underline{3077\#/\text{BOLT}}}$$

$$3.1 \text{ K / BOLT}$$



ANCHOR BOLT SELECTION3/4"  $\phi$  A36 THREADED ROD HOLDS 8.4K3/4"  $\phi$  A572 " " HOLDS 9.5K3/4"  $\phi$  A588 " " HOLDS 10.2K3/4"  $\phi$  A449 " " HOLDS 17.5K

$8.4K > 3.1K$

$9.5K > 3.1K$

$10.2K > 3.1K$

$17.5K > 3.1K$

EARTHQUAKE :

$$V = \frac{ZIC}{R_w} W$$

$Z = .15 \text{ (ZONE 2A)}$

$I = 1$

$C = 2.75$

$W = 7000 \#$

$R_w = 3$

$$V = \frac{.15 (1) 2.75}{3} 7000 = 965 \#$$

WIND GOVERNS:

$2000 \# > 965 \#$

FROST HEAVE :

LOCATION: PROVIDENCE, RI.

20" DEEP FROST PENETRATION

FOUNDATION 24"

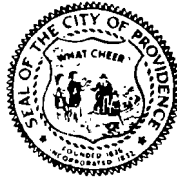
$24" > 20"$  OK







COUNCIL PRESIDENT  
PRO TEMPORE  
JOHN J. LOMBARDI  
48 GROVE STREET  
PROVIDENCE, RI 02909  
Res: 273-6585  
Office: 521-8400



#55  
COMMITTEE

Claims and Pending  
Suits  
Chairman

## City of Providence, Rhode Island

March 19, 1997

Mr. Robert Clarkin  
Chairman  
Committee on Public Works  
c/o City Clerks Office  
City Hall  
Providence, RI 02903

Dear Mr. Clarkin:

I am writing in support of the proposed Shepard Building Clock "Time Wave" being placed on Washington Street provided that the applicant/petitioner meets the four requirements mentioned in a letter to you on March 12, 1997, from Public Works Director, Ferdinand C. Ihenacho. Thank you for your consideration in this matter.

With best regards, I remain

Sincerely,

John J. Lombardi  
Council President Pro Tempore

JJL/sd

cc Mr. Frank E. Corrente  
Mr. Gerry Florio  
Mr. Louis Ricci  
Mr. James T. Morris



COUNCILMAN  
JOHN J. LOMBARDI  
48 Grove Street  
Providence, Rhode Island 02909

Mr. Robert M. Clarkin  
Chairman  
Committee on Public Works  
c/o City Clerks Office  
City Hall  
Providence, RI 02903

FILED

MAR 24 11 06 AM '97

CLERK OF DISTRICT COURT  
PROVIDENCE, R. I.

Ferdinand C. Ihenacho, P.E.  
Director



VINCENT A. CIANCI, JR.  
Mayor

March 12, 1997

**Department of Public Works**  
*"Building Pride In Providence"*

Robert Clarkin, Chairman  
Public Works Committee  
c/o City Clerk's Office  
City Hall  
Providence, RI

**RE: Proposed Shepard Building Clock "Time Wave"**  
**(Washington Street, Downtown Providence)**

Dear Mr. Clarkin:

Thank you for forwarding the above referenced proposal for this Department's review.

This Department submits a finding of no objection to the placement of the proposed public art project on Washington Street located one (1) foot behind the face of the curb at approximately seventy (70) feet southwesterly of Union Street, provided the applicant/petitioner:

- a) secures a construction permit from this Department prior to any construction within the public right-of-way
- b) provide adequate space for pedestrian/wheelchair travel on the remaining sidewalk width (at least 5 feet wide)
- c) provide a detailed (scale) drawing of all aspects of the proposed structure to include dimensions from face/back of the curb, offsets from face of the building for the entire height of the structure, the type of material to be used for the pedestal and base of the structure (3000psi concrete, brick, tiles, mortar, etc.), construction joint material, replacement of affected sidewalk, etc.
- d) provide an exact location of the proposed structure to ensure that public works facilities are not adversely affected by the proposed structure.

Should you have any questions or need further assistance on this matter, please feel free to contact me.

Very truly yours,

A handwritten signature in black ink, appearing to read "F. Ihenacho", is written over a horizontal line.

Ferdinand C. Ihenacho, P.E.  
Director

FCl:cs

cc: Frank Corrente  
Councilman John Lombardi  
Gerry Florio  
Louis Ricci  
James T. Morris

700 Allens Avenue ● Providence, Rhode Island 02905

**Department of Public Works**

700 Allens Avenue

Providence, Rhode Island 02905

**Robert Clarkin, Chairman**

**Public Works Committee**

**c/o City Clerk's Office**

**City Hall**

**Providence, RI**

**FILED**

MAR 17 2 31 PM '97

DEPT. OF JUSTICE  
PROVIDENCE, R.I.

City of Providence



Rhode Island

Department of City Clerk

MEMORANDUM

DATE: February 25, 1997

TO: Ferdinand Ihenacho, Director of Public Works

SUBJECT: Communication from Rhode Island State Council on the Arts, requesting the approval of the City Council over the placement of a public art project on Washington Street adjacent to the Shepard Building in downtown Providence.

CONSIDERED BY: Councilman Robert M. Clarkin, Chairman, Committee on Public Works.

DISPOSITION: The accompanying resolution is referred to you for study, report and recommendation and report back in writing to the above-named committee as soon as practical.

*Barbara A. Paeris*  
*Secy Dep* City Clerk



City of Providence



Rhode Island

Department of City Clerk

MEMORANDUM

DATE: February 25, 1997

TO: Tom Deller, Planning & Development

SUBJECT: Communication from Rhode Island State Council on the Arts, requesting the approval of the City Council over the placement of a public art project on Washington Street adjacent to the Shepard Building in downtown Providence.

CONSIDERED BY: Councilman Robert M. Clarkin, Chairman, Committee on Public Works.

DISPOSITION: The accompanying resolution is referred to you for study, report and recommendation and report back in writing to the above-named committee as soon as practical.

*Burton A. Fairman*  
Secy. Dep. City Clerk

City of Providence



Rhode Island

Department of City Clerk

MEMORANDUM

DATE: February 25, 1997

TO: Patricia McLaughlin, Deputy City Solicitor

SUBJECT: Communication from Rhode Island State Council on the Arts, requesting the approval of the City Council over the placement of a public art project on Washington Street adjacent to the Shepard Building in downtown Providence.

CONSIDERED BY: Councilman Robert M. Clarkin, Chairman, Committee on Public Works.

DISPOSITION: The accompanying resolution is referred to you for study, report and recommendation and report back in writing to the above-named committee as soon as practical.

*Barbara A. Garrison*  
Second Deputy City Clerk