




**To:** Parks, Recreation and Cultural Services Committee  
**From:** Terry Crowe, Manager, Policy Planning  
**Re:** Sea Island Community Safety Building Public Art Project

**Date:** May 12, 2004  
**File:** 11-7000-09-20-031/2004-Vol 01

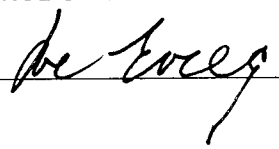
**Staff Recommendation**

That:

- 1) An allocation of \$40,000 for the development of a public art project as part of the new Sea Island Community Safety Building, be endorsed.
- 2) Staff implement the installation of the "Shaping Hands" Public Art Project, as presented in the report dated May 12, 2004 from the Manager, Policy Planning.

  
 Terry Crowe  
 Manager, Policy Planning

Att. 3

FOR ORIGINATING DIVISION USE ONLY					
ROUTED TO:		CONCURRENCE		CONCURRENCE OF GENERAL MANAGER	
Fire Rescue .....	Y	<input checked="" type="checkbox"/>	N		
Facility Management.....	Y	<input checked="" type="checkbox"/>	N		
Budgets .....	Y	<input checked="" type="checkbox"/>	N		
<b>REVIEWED BY TAG</b>	YES	<input checked="" type="checkbox"/>	NO	<b>REVIEWED BY CAO</b>	YES
			<input type="checkbox"/>		<input checked="" type="checkbox"/>
					<input type="checkbox"/>

## Staff Report

### Origin

On June 23<sup>rd</sup>, 2003, Council endorsed the following recommendation:

*That the allocation of \$51,000 for the development of public art projects as part of the new Hamilton and Sea Island Community Safety Buildings, (as outlined in the report dated May 29<sup>th</sup>, 2003, from the Manager, Policy Planning) be endorsed [e.g. \$25,000 each].*

Earlier, on January 27<sup>th</sup>, 2003, Council endorsed the 2003 Community Safety Buildings Capital Budget that included an allocation of \$36,000 (e.g. \$18,000 each) for the development of public art projects as part of the new Hamilton and Sea Island Community Safety Buildings.

Currently Council has approved a total of \$87,000, which is equally allocated between the Sea Island and Hamilton Community Safety Building Public Art Projects.

This report presents the recommended “Sea Island Community Safety Building Public Art Project” proposal for Council’s consideration and endorsement (e.g. \$43,500 each).

The “Hamilton Community Safety Building Public Art Project” will be brought for Council’s consideration later in 2004.

### Findings Of Fact

#### Common Public Art Theme for All Community Safety Buildings (Fire Halls)

As per Council discussion on June 23, 2003, the recommended common theme that will be applied to all community safety building public art projects is: “community safety”.

“Community safety” covers a broad range of activities, services, apparatus and individuals that help to make Richmond a safe community.

Each community safety building public art project competition call will invite artists to work with area residents and community service providers to determine how best to interpret the theme at the new building and their surrounding landscape. The community interpretation of the artwork could focus on the firefighter, police officer, fire truck, community involvement in safety, community safety service providers, memorial and remembrance.

To ensure that the public art projects reflect community views, each artist will work with each community on that community’s fire hall, versus one artist that would be common to all new facilities. This approach will ensure community creativity, merit, and distinctiveness.

#### Terms of Reference – Sea Island Community Safety Buildings

The public art terms of reference for the Sea Island Safety Building Public Art Call (**Attachment 1**) describes the art opportunity, site description, scope of work, budget, selection process and design schedule.

### Public Art Selection Process

The chart outlining the public art decision-making process for a City initiated public art project is presented as **Attachment 2**.

### Sea Island Community Safety Building Public Art Project Panel

The Panel members, who reviewed 19 public art submissions and are recommending an artwork for the Sea Island Community Safety Building, include:

- Lyn Braun, Burkeville Resident
- Ingrid Trouw, Burkeville Resident
- Philip Robbins, Artist
- Gary Maier, Visual Arts Agent/Manager
- Jim Huffman, Architect
- Dave Anderson, Firefighter

### Recommended Public Art Project – “Shaping Hands”

The artwork “Shaping Hands” by Bart Habermiller & Emily Barnett was selected by the Public Art Project Panel for the Sea Island Community Safety Building. The sculpture’s proposed siting is near the fire hall’s entranceway.

The artwork evokes the following message to the passer-by:

*“Shaping Hands links awareness of our individual contribution to our community’s strength, and safety. The single hand shape is an individual gesture that is combined with multiple hands to form a woven solid sphere. The sphere represents unity, as all the hands connect with each other in an uninterrupted flow”.*

**Attachment 3** provides further information about the proposed artwork, casting process, size and structure, and location.

### Artist – Community Involvement

The process to create the artwork will provide an opportunity for community involvement and visually demonstrates that activity. The artistic team will take hand impressions of Sea Island residents and firefighters from Fire Hall No. 4. Approximately, 90 individual hand impressions will be used for the sculpture. The impressions will be made on Sea Island during “Burkeville Daze” in June, 2004.

The process to create “Shaping Hands” will produce approximately 150 plaster cast hand forms. The forms will be used to cast the bronze hand for the sculpture. The completed sculpture will be 4 feet in diameter and raised 2 feet above grade on a brushed stainless steel support column. A bronze medallion of the Maltese Cross will also be incorporated in the sculpture. The artwork will be installed on-site after the fire hall building and associated landscape work has been completed.

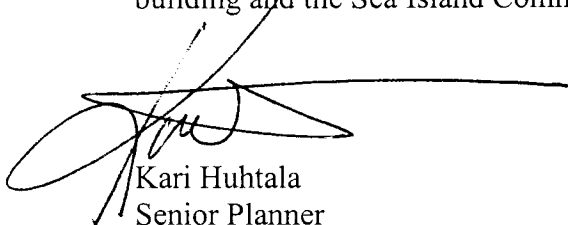
### **Financial Impact**

Sea Island Community Safety Building public art budget is \$43,500 (\$18,000, originally approved in the Community Safety Buildings Capital Budget for 2003, and the \$25,500 from the 2001 Public Art Reserve Project #40802, originally approved in the 2001 Capital Plan for expenditure on art work).

This report is recommending that the \$40,000 be endorsed for the development of the “Shaping Hands” artwork as part of the new Sea Island Community Safety Building. The remaining \$3,500 was allocated for project administrative expenses (e.g. public art project call ads, artist finalist stipends, postage, etc.).

### **Conclusion**

The new community safety building represents an opportunity to provide public art in consultation with the community to enhance the identity and vibrancy of the community safety building and the Sea Island Community.



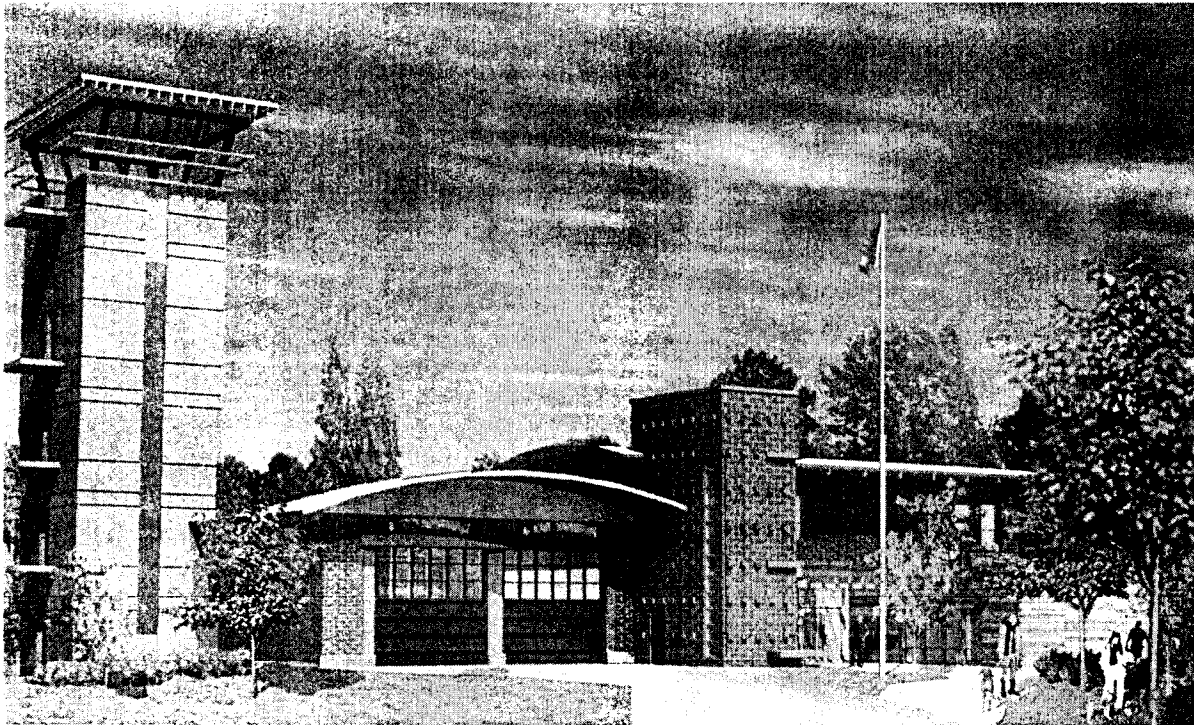
Kari Huhtala  
Senior Planner  
(4188)

KEH:keh



**Sea Island Community Safety Building  
(Fire Hall)**

**Public Art Call For Entry**



**CALL FOR ARTIST SUBMISSIONS**  
**Submission due Friday, September 26th , 2003**

For more information, please contact  
Kari Huhtala at 604 276-4188 or  
Email [khuhtala@city.richmond.bc.ca](mailto:khuhtala@city.richmond.bc.ca)

## **RICHMOND PUBLIC ART PROGRAM**

### *SEA ISLAND COMMUNITY SAFETY BUILDING PUBLIC ART CALL COMPETITION TERMS OF REFERENCE*

#### **Invitation for Artist/Artist Team Submission**

Artists and artist teams are invited to participate in a two-stage competition to provide a public art project, which is to be integrated as part of the proposed new Sea Island Community safety building or the development's landscape design, under this terms of reference. Each artist/team is limited to one entry.

#### **New Sea Island Community Safety Building**

The new Sea Island Community safety building will be located on a one acre plus sized parcel at 3911 Russ Baker Way (Sea Island), on the eastern edge of the Burkeville Community (see location map attached). The community safety building will be two storeys with a training and hose drying tower structure, and include community safety office for the RCMP. A general concept of the community safety building scheme is attached to this call. A future trail will connect the community safety building site from Russ Baker Way through to Lancaster Crescent in Burkeville.

The Burkeville community is located on Sea Island, next to the Vancouver International Airport. The community is small, but has a strong sense of community. It contains small parks and cottage housing, and significant trees distinguish this heritage community. The community with a population of 736 (2001 Census) is a family oriented neighbourhood, which has remained relatively unchanged over the last several decades. Approximately 2% of the population identify themselves as visible minorities with 1% speaking Chinese at home.

It is anticipated that the construction of the community safety building will be completed by 2004.

#### **Artist Opportunity**

The City of Richmond is seeking artwork that will be a highly visible art integrated into the design and development of the community safety building and/or associated landscape. The artwork will respond to the character and function of the building, the site, and/or neighbourhood (e.g. fire hall, RCMP, etc.).

The artist should be site oriented and be prepared to work in a collaborative fashion with the Project Committee, community, private design consultants, and City staff. The artwork will become integral to the project so that the community safety building structure and/or associated landscape and the artwork will be mutually supportive. The artist will be required to work within the constraints of the community safety building project, pedestrian activity area(s), safety, durability, and ease of maintenance.

The concept of the artwork proposal is open to the artist's discretion. The location of the artwork is flexible, and could include the community safety building's entryway, fire truck doorways,

tower, building façade, or other. It can be functional, educational, building or landscape oriented, informative, a community landmark and one which presents an artistic surprise to the entering and/or passing public. The design should be simplistic and complement the community safety building's purpose and its location within an established residential area.

**The selected artist will be encouraged to involve the community in the design, development, and creation of the public art project.**

The public art project at the Hamilton Fire Community Safety Building is constituted under the mandate set out by the City of Richmond Public Art Commission.

#### **Public Art Theme**

The public art project theme is "community safety". This is a general theme and can accommodate a variety of artist and community interpretations (e.g. fire trucks, community safety apparatus, police, community safety providers, etc.).

#### **Budget**

The total budget available to the artist(s) or artist team, inclusive of all expenses (including GST), will be \$40,000.

#### **Eligibility**

This invitation is open to professional artists. Ongoing communication between the selected artist is a requirement of this project. Artists who reside outside of Greater Vancouver should be within a reasonable commuting distance.

#### **Selection Panel & Process**

The process of selecting the final artist(s)/team for the project will occur in two stages by the selection panel. The 5 person selection panel will be comprised of two (2) members from the artistic community, one (1) local resident, one (1) member of professional design community, and/or one (1) fire department staff. A city staff team made up of staff from the Fire, Parks, Facility Management and Policy Planning will act as a resource to the panel as part the public art selection process.

A resource team of City staff and/or private design consultants will participate in the selection discussion of the artist as advisors and resource to the Panel, but not vote on artist selection.

The Panel will review the artist's credentials and a detailed description of their conceptual artwork approach, to include:

- The building and site, which expresses community identity, entry and place,
- Key materials key that will promote an identifiable artwork for the passing public,
- Kind of symbolism relevant to the location and community,
- Examples of previous relevant artistic work, and
- Other related information.

The short listed artist(s)/teams will be paid a fee of \$500 to prepare a conceptual artwork proposal for the new Sea Island Community safety building.

Following the short listed presentation, the panel will recommend the artist/team for the project.

### **Selection Process & Criteria**

#### Artist(s)/Team Review

- Compliance with the competition requirements.
- Artist/team previous experience, including artistic achievements.
- Appropriateness of the proposed artistic approach to the site.
- Imagination and artistic merit.
- Feasibility in implementation.
- Artist Interview and discussion
- Examples of relevant artist work.
- The artist's ability to work co-operatively with interdisciplinary City design team.

The Panel will select the artist/team, which in their judgement, best meets the above criteria. The recommended artist/team must be prepared to design an artwork in collaboration with the design team and see it completed and installed within the time as agreed with the project developer, or their representative.

### **Submission Requirements**

- A **typed statement**, which introduces ideas you would like to develop at the community safety building and how these ideas relate to your art practice (**2-page maximum, which can be easily photocopied**).
- A **conceptual artwork sketch or design proposal** that presents an easy to understand image of the proposed public artwork, which can be easily photocopied (**if presented in colour format, 10 copies should be submitted**).
- Curriculum vitae or **resume of past work**, including any public art commissions.
- A **sleeve of up to 10 labelled slides** showing previous artistic work experience, accompanied by a slide list.
- A 9" X 12" **self addressed stamped envelope**.

### **Schedule for Artist Selection & Project Development**

- Terms of reference available July 14<sup>th</sup>, 2003
- *Artist/Staff Information meetings with design team* August 13<sup>th</sup> or August 20<sup>th</sup>, 2003, 7:00 PM, Richmond City Hall, Meeting Room 2.004
- **Deadline for submission of interest** **September 26<sup>th</sup>, 2003, 5 PM**
- Panel Selection of short listed artist/team October 6<sup>th</sup> to October 10<sup>th</sup>, 2003
- Artist interview & selection of artist/team November 24<sup>th</sup> to December 5<sup>th</sup>, 2003
- Council approval of selected artist proposal December, 2003/January, 2004
- Artist/City Agreement signed January, 2004
- Artwork design Winter to Summer, 2004



**Mail or Drop Submission to:**

Kari Huhtala  
City of Richmond  
6911 No. 3 Road  
Richmond, BC V6Y 2C1

***By Friday, September 26<sup>th</sup>, 5 PM, Richmond City Hall***

**Contract**

A contract between the recommended artist or team and the city will be signed. The contract will include a schedule of payment and fabrication and installation. The budget for the contract is to include all costs including artist's fees, other fees, GST, insurance fabrication, delivery, installation, clean up, and any consultant's fees. The artist or team will also be expected to produce regular progress reports to the City.

The final work and requisite documentation will become the property of the City. At project completion, the artist will provide the City with a detailed art documentation report, as listed in the Richmond Public Art Program Report (copy available from the City of Richmond).

**Confidentiality**

All information provided to, or created by the artist/team and selection panel shall be considered confidential until such time as it has been released or made public by the City of Richmond.

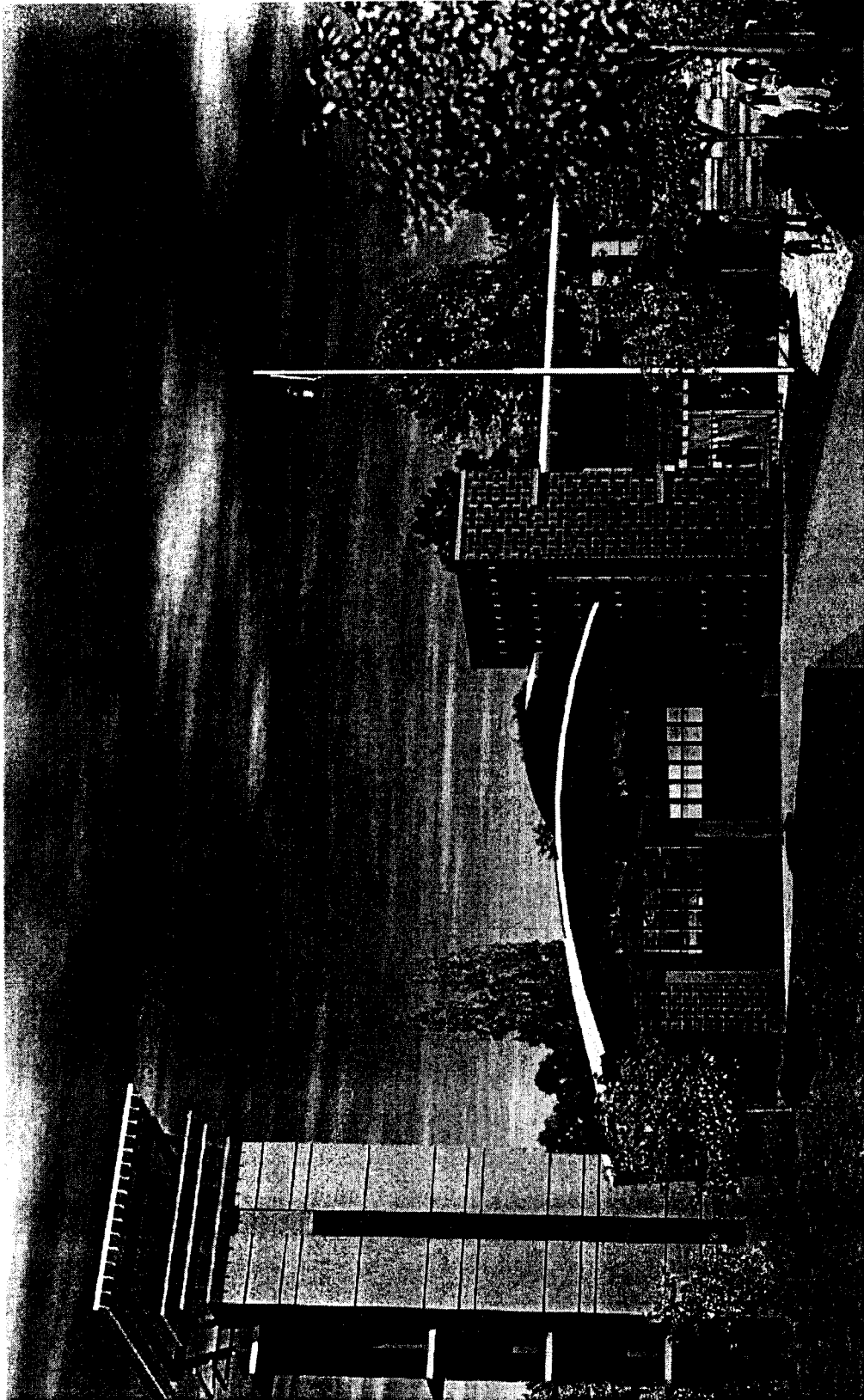
**Project Information & Contacts**

- David Naysmith, P. Eng. Facility Planning & Construction (604-233-3312), [dnaysmith@city.richmond.bc.ca](mailto:dnaysmith@city.richmond.bc.ca)
- Clarence Sihoe, Parks, (604 233-3311 ), [csihoe@city.richmond.bc.ca](mailto:csihoe@city.richmond.bc.ca)
- Kim Johnston, Johnston Davidson Architecture + Planning Inc, (604 684-3338), [kim@jdarch.bc.ca](mailto:kim@jdarch.bc.ca)
- Kari Huhtala, Planning, (604-276-4188), [khuhtala@city.richmond.bc.ca](mailto:khuhtala@city.richmond.bc.ca)

# New Sea Island Fire Hall

3911 Russ Baker Way

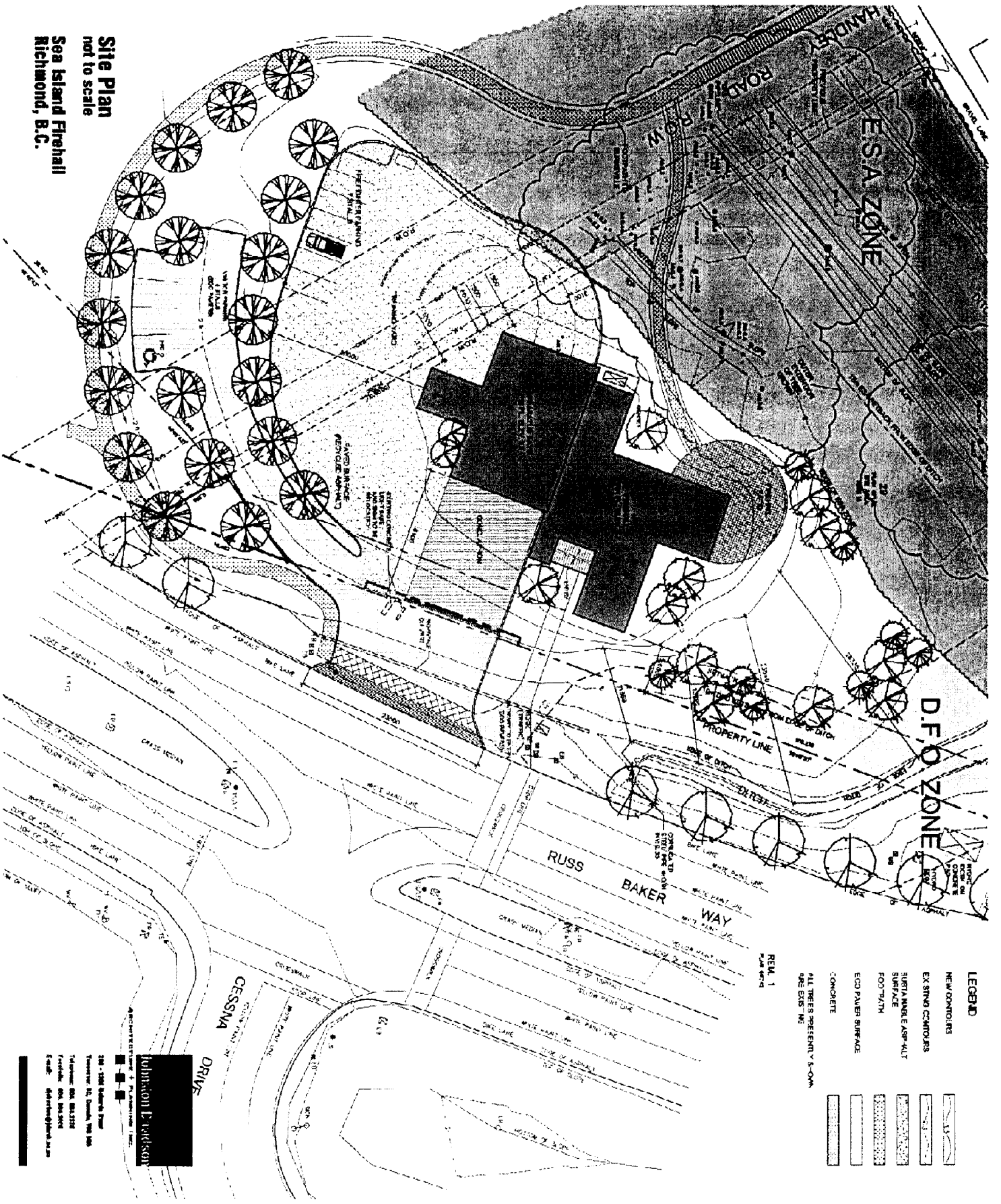




City of Richmond  
Firehall No.4 Sea Island  
View from Russ Baker Way  
01/27/03

■ ■ ■  
Johnston Davidson Architecture + Planning Inc.  
200 - 1300 Richards Street, Vancouver, BC, Canada, V6B 3G6  
T. 604/684-3338 F. 604/684-3600 [jdplanning@jdaarch.bc.ca](mailto:jdplanning@jdaarch.bc.ca)

**Site Plan**  
not to scale  
**Sea Island Firehall**  
Richmond, B.C.



**LEGEND**

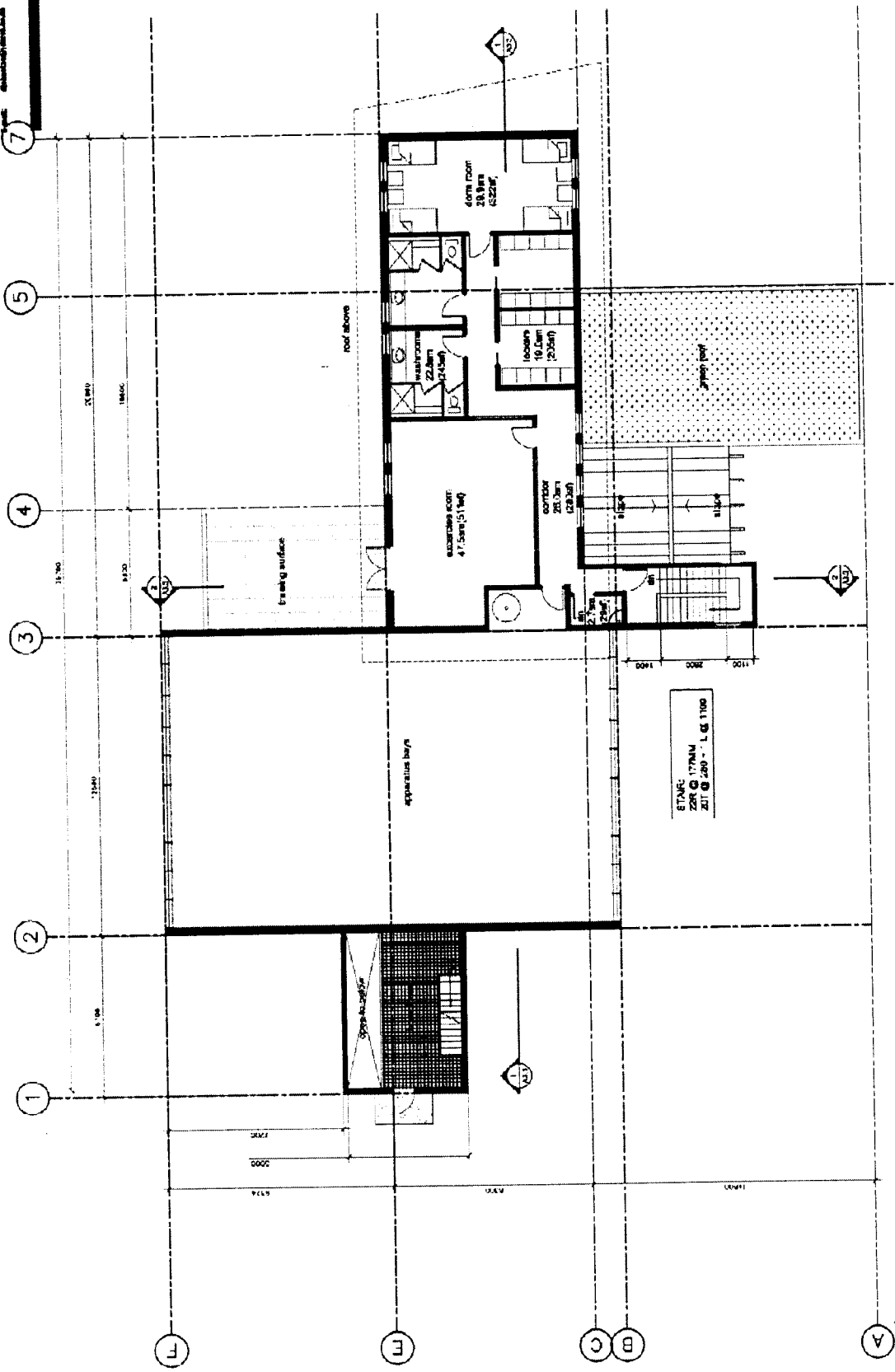
	NEW CONTOURS
	EXISTING CONTOURS
	STREET NAME & ASPHALT SURFACE
	FOOTPATH
	ECO PAVER SURFACE
	CONCRETE

ALL TREES PRESENTLY S-OAK  
ONE EXS. WE

REV. 1  
PLAN SHEET

**Robinson Engineering**  
214 - 5200 Steeles Trail  
Toronto, ON Canada, M3J 3K9  
Telephone: (416) 883-2222  
Facsimile: (416) 883-2222  
E-mail: info@robson.ca

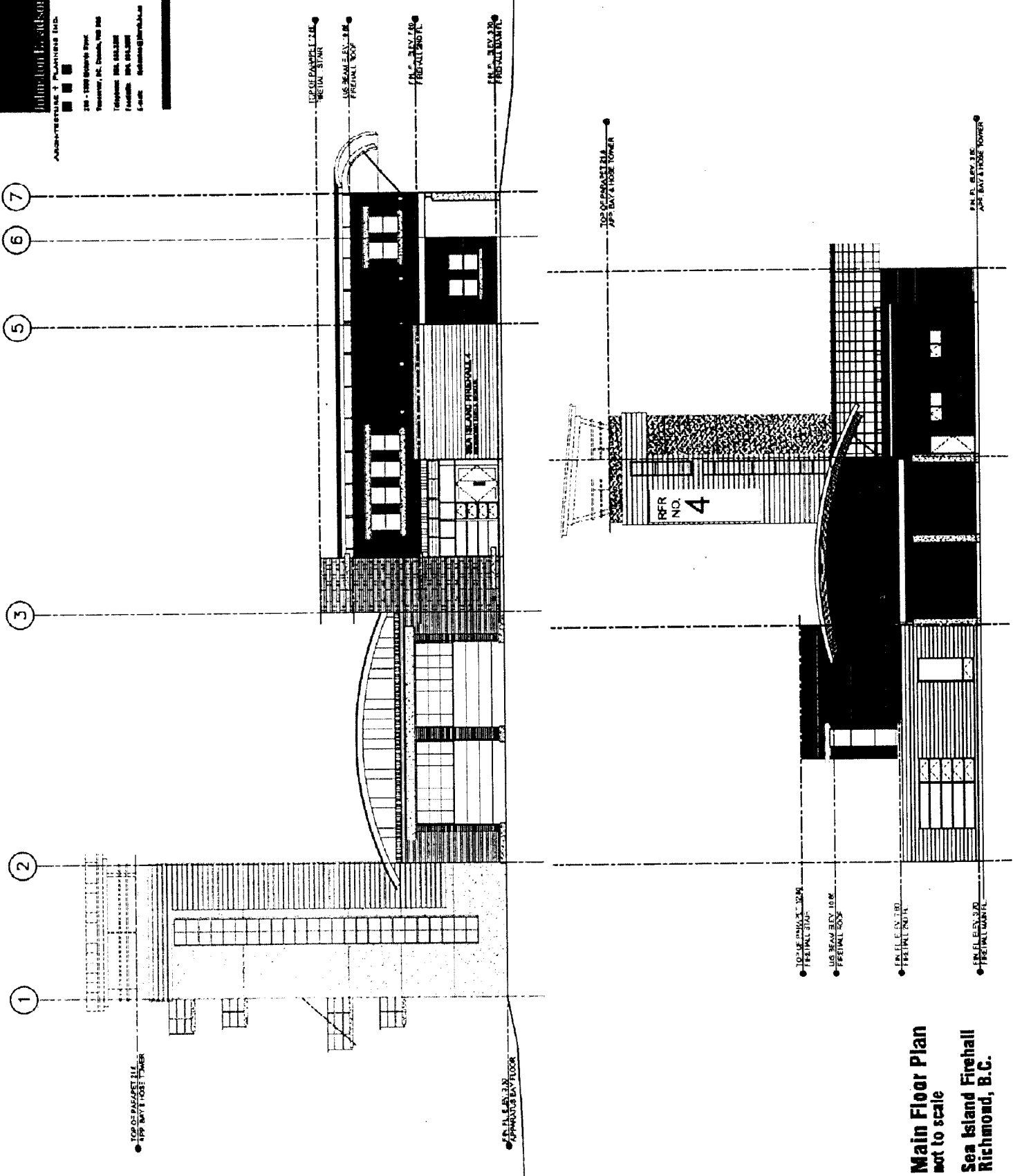




**area**  
 second floor = 177.2sm (1907s)

**Second Floor Plan**  
 not to scale  
**Sea Island Firehall**  
 Richmond, B.C.

**Johnston Engineering Inc.**  
 ARCHITECTURE & PLANNING INC.  
 210 - 1200 Glenvale Blvd.  
 Vancouver, BC, Canada, V6H 0A8  
 Telephone: (604) 683-1200  
 Facsimile: (604) 683-1201  
 E-mail: johnston@johnston.ca

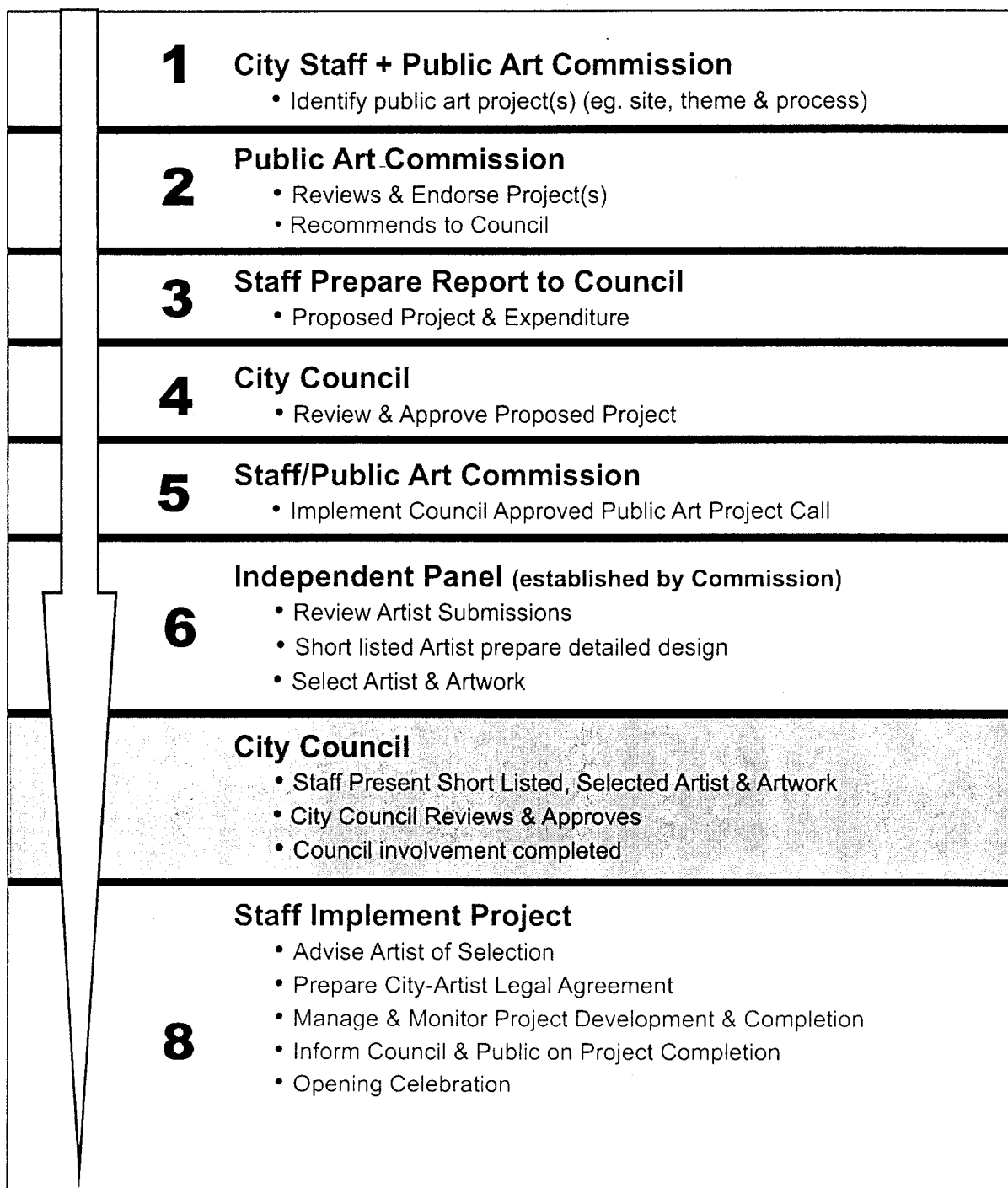


**Main Floor Plan**  
 not to scale  
**Sea Island Firehall**  
 Richmond, B.C.

# Richmond Public Art Program Management City Owned Projects

Purpose: To incorporate public art into the development / renovation  
of City streets, buildings and parks.

This chart outlines the decision-making process for a City initiated public art projects.





## Shaping Hands

Bart Habermiller & Emily Barnett  
Sea Island Fire and Safety Hall



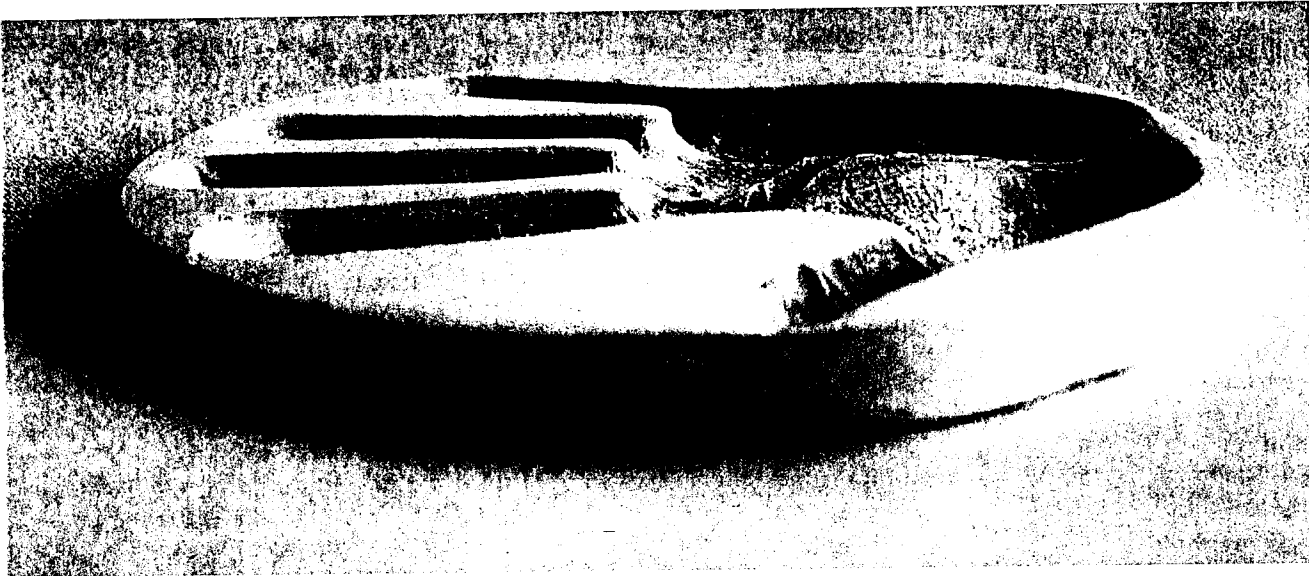
The sculpture "Shaping Hands" links awareness of our individual contribution to our community's strength, and safety. The single hand shape is an individual gesture that is combined with multiple hands to form a woven solid sphere. The sphere represents unity, as all the hands connect with each other in an uninterrupted flow.

The approach is to create a public artwork that provides an opportunity for community involvement and visually demonstrates that activity. The artistic team will take hand impressions of Sea Island residents and firefighters from Fire Hall #4. Approximately 90 individual hand impressions will be used for the sculpture. The impressions will be made in Sea Island, during Burkeville Daze, in June of 2004.



- The bronze sculpture has a diameter of 4 feet.
- The sphere is raised 2 feet above grade.
- A bronze medallion of the Maltese cross is incorporated into the sculpture.
- The support column is made of brushed stainless steel

## Plaster Cast Hands



Shaping Hands will produce approximately 150 plaster cast hand forms. The forms will be used to cast the bronze hands for the sculpture.



The plaster hand forms can be used by the community to continue the "hand" theme into other aspects of the project.



The plaster hand forms could be put on display in the FireHall to create a feature wall.



The wall display could be layed out in a simple grid pattern.

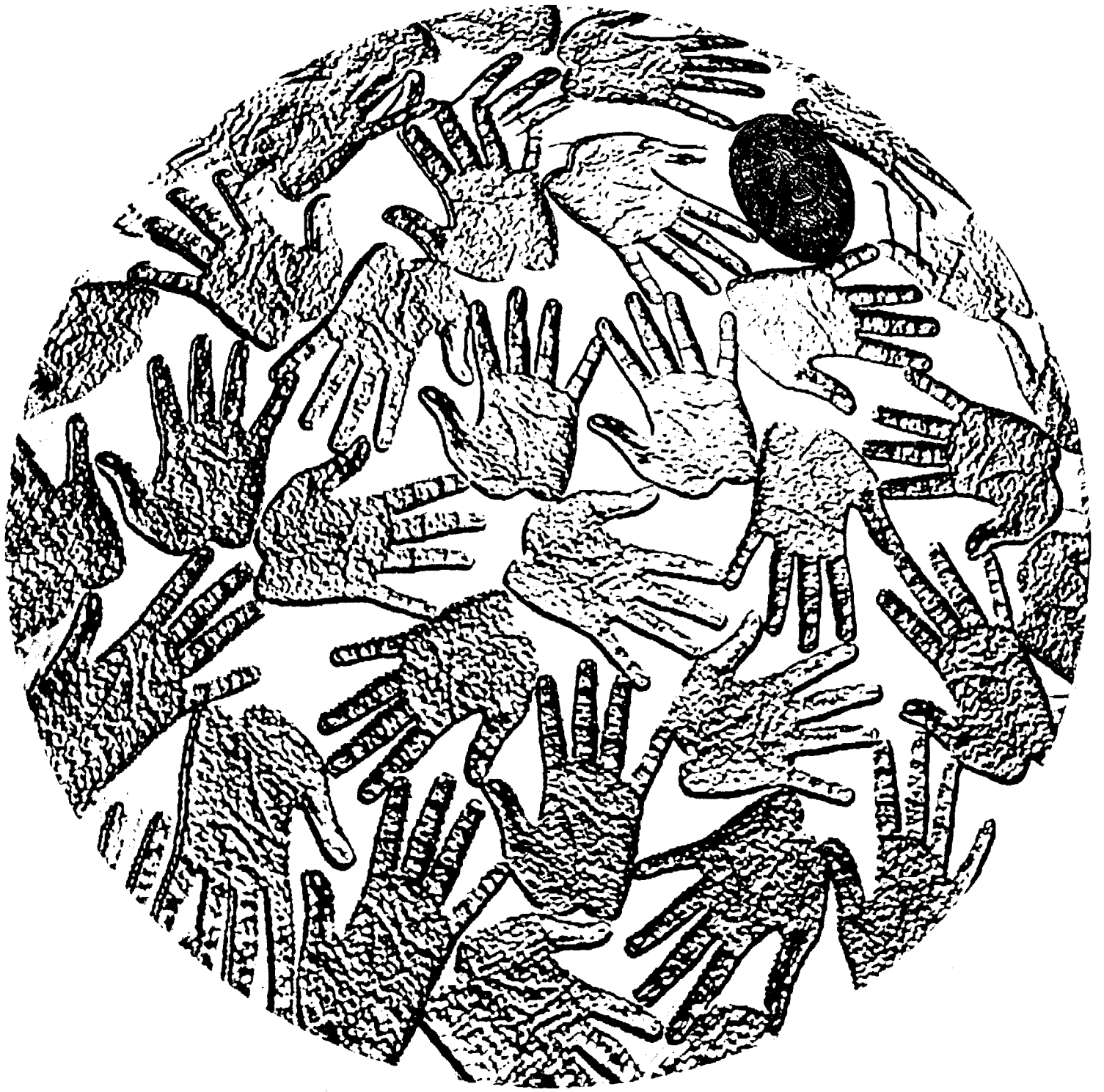


Latex rubber hand forms can be cast from the plaster forms. The latex hands can be used in casting concrete.



The cast concrete would have a shallow hand impression.





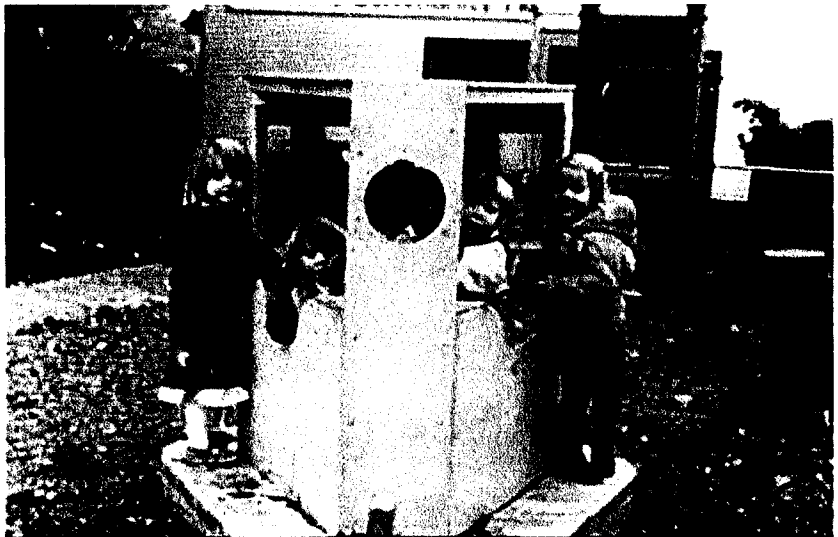
## Hand Impressions



creating a hand impression

- Artist team will take hand impressions during Burkeville Daze in June, 2004.
- Fire fighters from hall #4 and residents from Sea Island will be invited to cast hands.
- 130 hand impressions will be made, on a first come basis.
- The palm side of the hand is pushed into a body casting medium, called Dermagel.
- Dermagel creates a highly detailed mold.
- The hand impressions will remain anonymous.
- The artistic team will determine which 90 impressions will be cast based on design and composition

The hand impressions are intended to create an activity in the community shared by all ages.



Sea Island community center

# FABRICATION

## Mold-making

- The impressions are filled with wax.
- The wax cast is removed and dipped in a casting medium creating a hard shell.
- The shell is heated up to melt the wax leaving a cavity in the shape of the hand impression.



wax is poured inside the bear mold



hard casting shell



pouring bronze into hard shell

## Casting

- The bronze ingots are liquefied at extreme temperatures and poured into the molds.
- The bronze hands harden and are removed from the shell.



unfinished cast bronze

## The Sphere

- The circle of hands will be approximately 3 feet in diameter.
- The bronze hand shapes are welded together, using a 3-foot spun metal sphere as a template, to form the web-like sphere.
- The hands will be welded at 3 points
- The edges will be smoothed and rounded.



## Patina finish

- The underside of the bronze sphere will be ground smooth and buffed to take on a natural patina.
- The out side of the hands or palm side will have a dark patina applied.
- Over time the textured surface will darken, while some areas of the surface may lighten as people touch the sculpture.

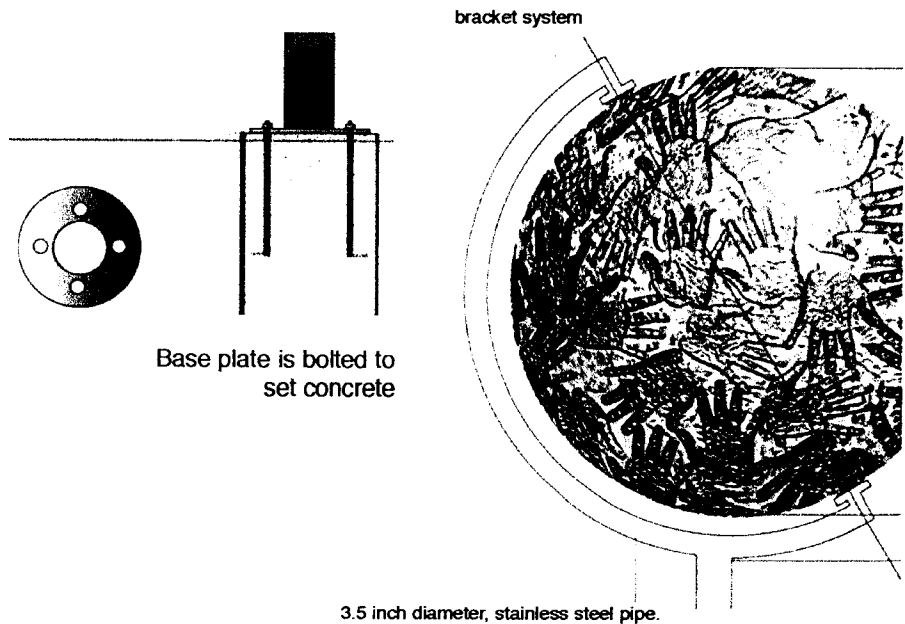
surface of the underside of hands casts



texture of palm side of hand casts

## Support Arm

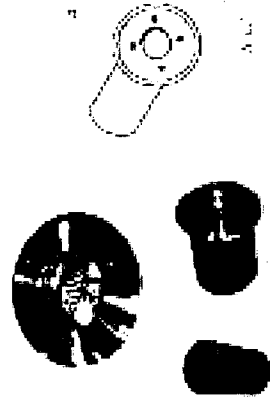
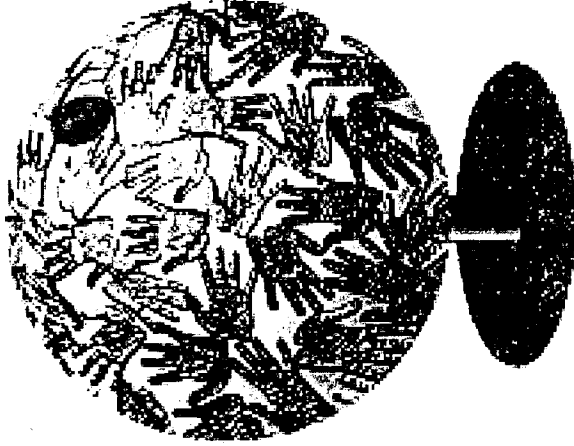
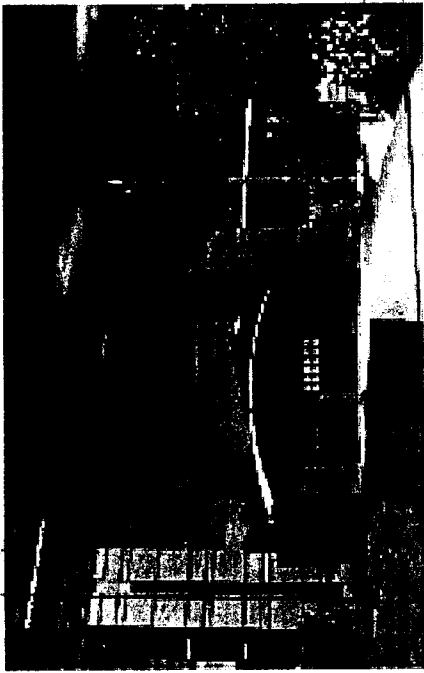
- The support arm is constructed from 3.5 in diameter, stainless steel,
- The ends of the circular shape will be capped with a bracket system that attaches the bronze sphere.
- A stainless steel 1/2 inch plate is welded to the base of the arm to be bolted to the stainless posts, set in the concrete.



3.5 inch diameter, stainless steel pipe.







**Features:** Stainless Steel Housing

**Lens:** Clear tempered glass with textured pattern

**Lamp:** T8 ball ball or 15w/150-16 Lamp

**Mounting:** Direct Illumination Concrete Encased

**Finish:** Powder Coating available in Natural Steel

