

Austin Fire Department/Austin Travis County EMS Embedded Artist AIPP Project

Final Design Review

SHAWN SMITH, ARTIST



AFD-EMS | Locker Room Renovations

AFD and EMS are committed to maintaining safe and equitable facilities for fire and paramedic staff. Bringing a total of 11 AFD/EMS stations up to a more useable and safer standard will allow personnel to better perform their duties of serving the City of Austin community.

The renovations to the AFD and EMS stations address several objectives including:

The creation of equitable locker and bathroom facilities.

The addition of a second ambulance and quarters for personnel.

Lead and asbestos abatement.

Replacement of a failing station bay.

Upgrades to meet current Americans with Disabilities Act (ADA) and fire code requirements.

Remedy structural integrity issues, electrical work, refurbishment, general repairs, and updating.

Six artists and Artist teams will work with two stations each:

- AFD Station 2: 506 W MLK Jr Blvd, District: 9
- AFD Station 9: 4301 Speedway, District: 9
- AFD Station 10: 3009 Windsor Rd, District: 10
- AFD Station 12: 2109 Hancock Dr, District: 7
- AFD Station 16: 7000 Reese Ln, District: 7
- AFD Station 32: 2804 Montebello Rd, District: 8
- AFD Training Academy: 4800 Shaw Ln, District: 2
- AFD Station 8 / EMS Station 7: 8989 Research Blvd, District: 7
- AFD Station 23 / EMS Station 13: 1330 E Rundberg Ln, Council District: 4
- AFD Station 25 / EMS Station 10: 5228 Duval Rd, District: 6
- EMS Station 1: 3616 S 1st St, District: 3
- EMS Station 5: 5710 N Lamar Blvd, District: 7

PROJECT GOALS

The artwork must reflect the mission of the Austin Fire Department and Austin-Travis County Emergency Medical Services “to create safer communities through prevention, preparedness, and effective emergency response.”

- integrates with either the site, architecture, interior or exterior of the station;
- is relevant to AFD/EMS's role in how the station serves the community;
- is conceptually accessible to station staff and visitors;
- is easily maintained and;
- contributes to the depth/breadth of the City of Austin's public art collection.

REQUEST FOR QUALIFICATIONS

2020

RFQ open 8/12/20 to 10/1/20

- Artist Information Meeting 9 /19/20
- 53 Applications Received
- Selection of Six Awardees 11/5/20
- Approved by AIPP Panel and Arts Commission 12/20
- City Council Authority 3/25/21
- Embedded Artist time 5/1/21-8/30/21

Application Demographics

Type of App	# of Apps	% of Apps
Male	18	34%
Female or Team w/ Female	30	57%
Gender Nonconforming or Other Answer	2	4%
LGBTQI Community	9	17%
Disabled Community	1	2%
BIPOC	27	51%
Veteran	1	0%
Total Applications	53	100%

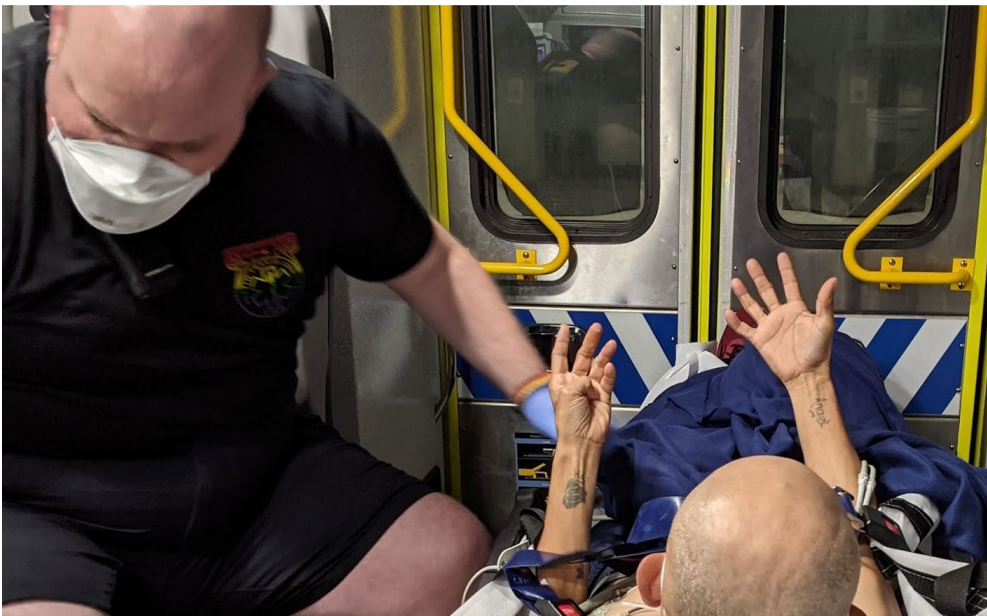
*Note: Percentages taken from total # of applications. Some applicants chose not to respond to the demographic questions

Shawn Smith
EMS 1
AFD 23/EMS 13
Final Design Proposal

EMBEDDED TIME

- 9 hours on July 2, 2021 and July 16, 2021 at EMS Dispatch at the Combined Transportation, Emergency, and Communications Center located at 5010 Old Manor Road
- 21 hours from June 18, 2021 to July 9, 2021 at EMS1 station located at 616 S. 1st Street
- 44 hours from June 23, 2021 to July 28, 2021 at AFD23/EMS13 station located at 1330 E. Rundberg Lane





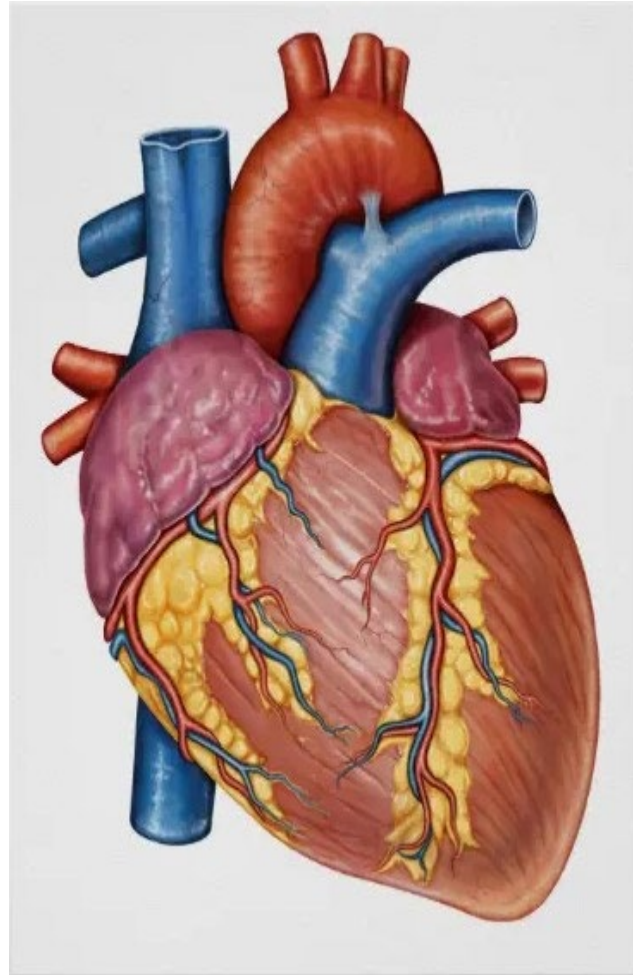
EMS 1 Nexus INSPIRATION

Anatomical heart

Heart represents
compassion and care

First stand-alone municipal
EMS station

Trailblazer in modern CPR
care and protocol



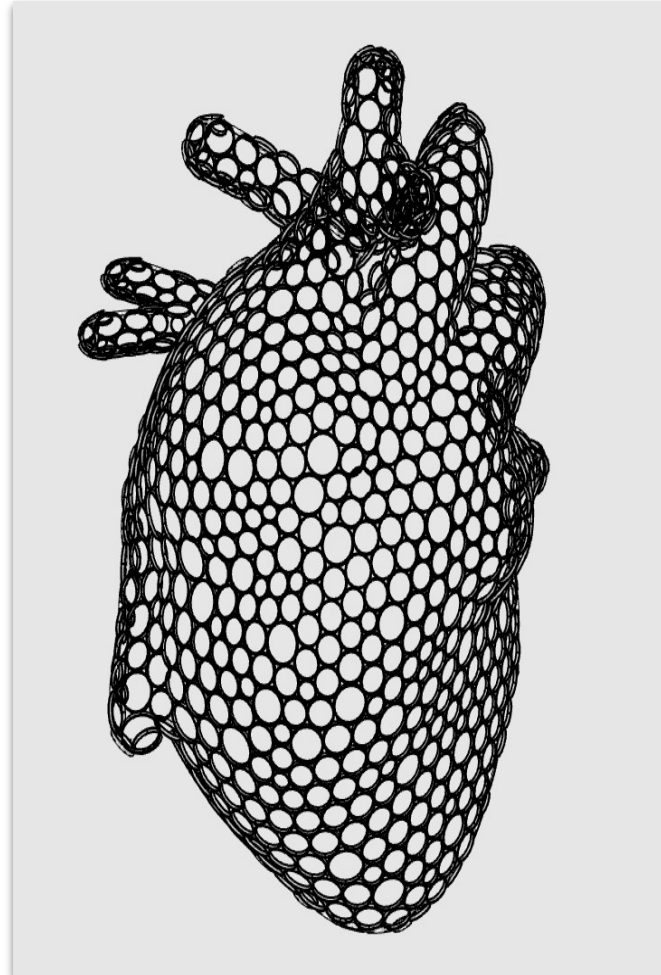
EMS 1 PROPOSED DESIGN

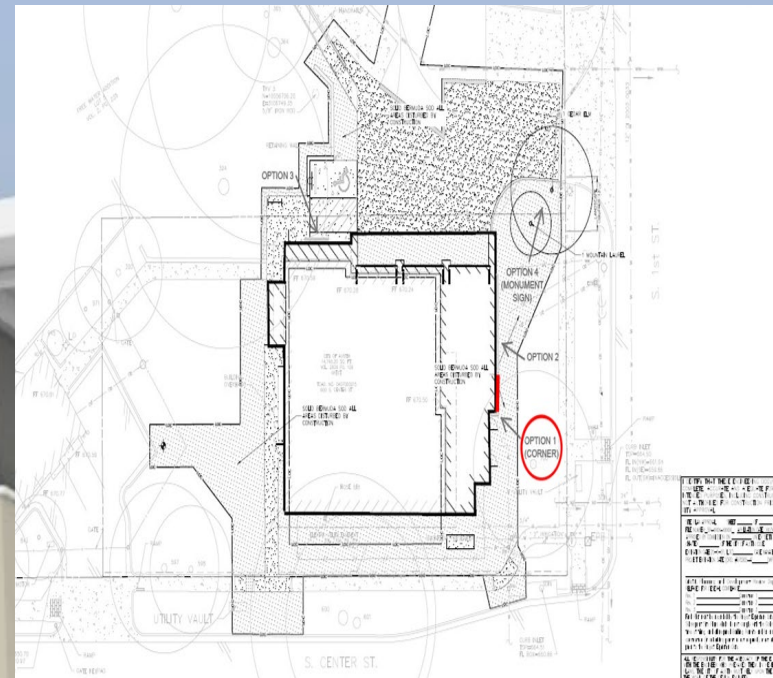
Abstracted carbon steel
anatomical heart made up
of approximately 900
welded rings

Approximately 100 inches
tall x 71 inches wide x 40
inches deep

Each individual ring plays a
crucial role in the identity
of the heart

Approximately 500 pounds

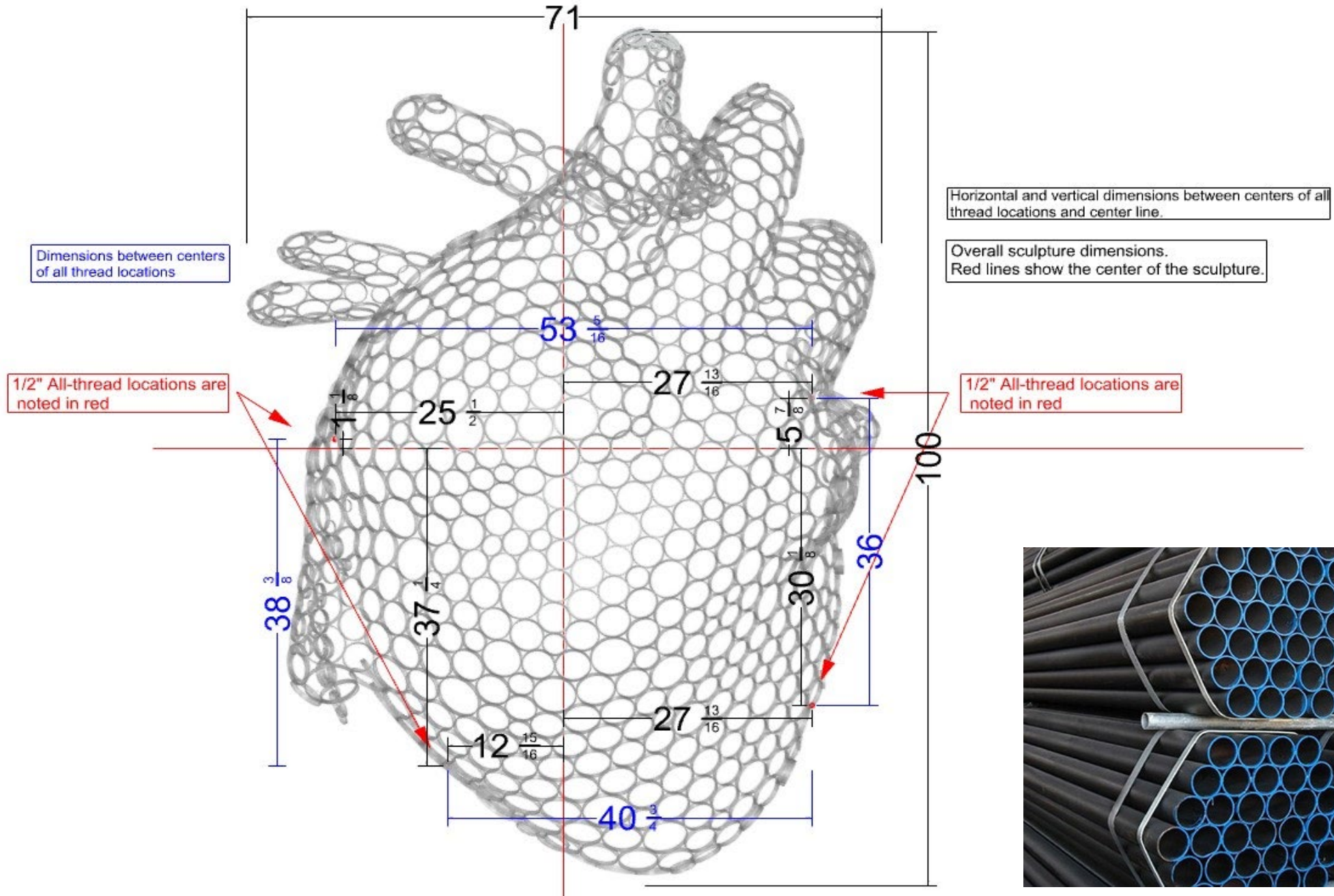




MAINTENANCE



- Surface helps make them resistant to many elements found in the environment such as air pollution, acid rain, and general airborne dirt.
- Periodic cleaning to remove buildup of resins and other residue is a good idea to extend coating life.
- A variety of methods for removal of surface deposits are available.
- Simple washing with plain water using hoses or pressure spray equipment is usually adequate. When heavy deposits of dirt or other contaminants dull surfaces, stronger methods may be needed.



AFD 23/ EMS 13
Artwork Inspiration
for *Beacon*

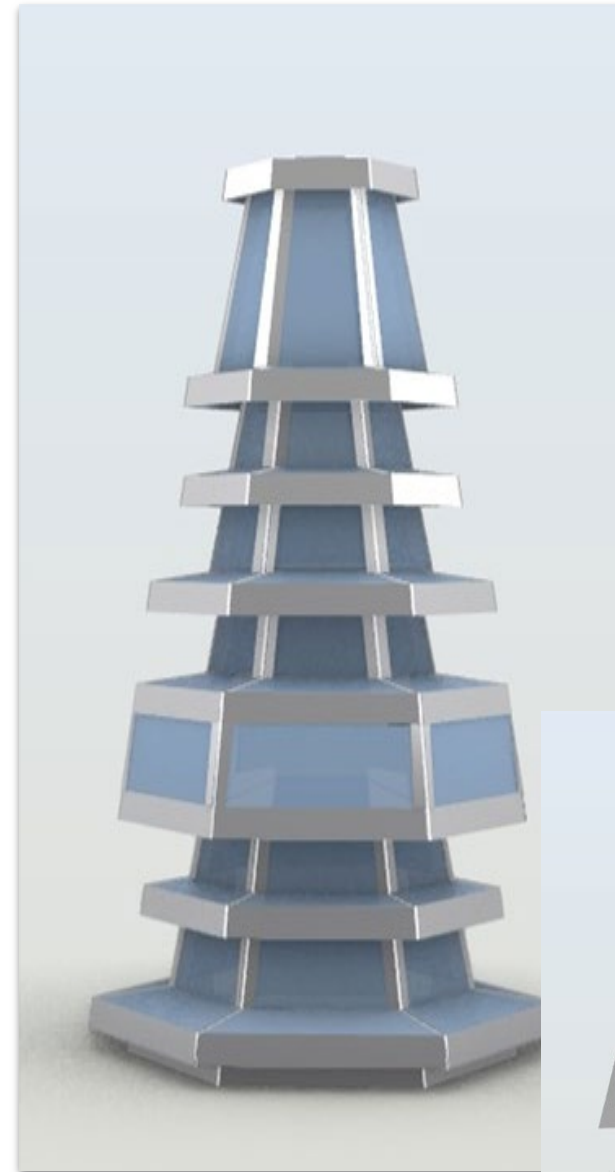
Fresnel Lens

Lighthouse

Lantern

Focus

Calm in the Storm



AFD 23/ EMS 13
PROPOSED DESIGN for
Beacon

Stainless steel and 3Form
engineered resin

Sits on top of new 24'
reinforced sign tower

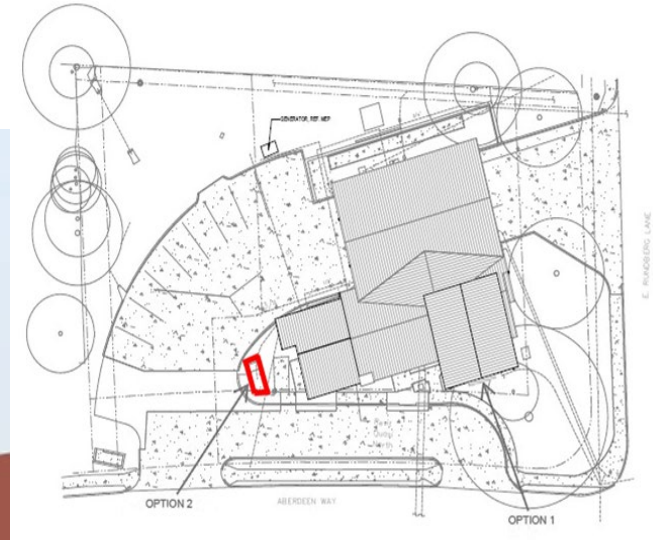
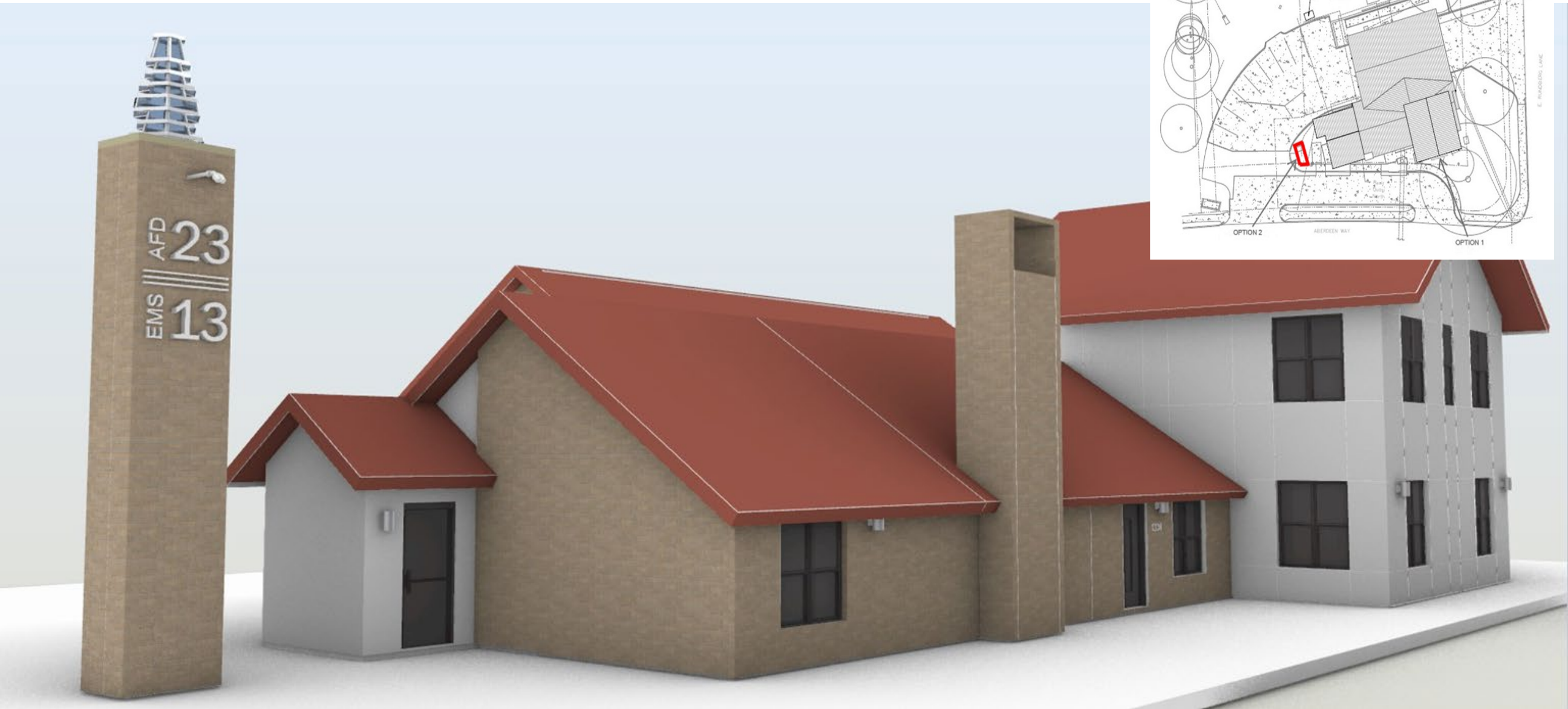
Approximately 5 feet tall x
3 feet in diameter

Contains LED lights that
pulse like a heartbeat

LEDs are attached to an
internal 6 sided marine
plywood structure



The shape of the design is taken from the station's numbers



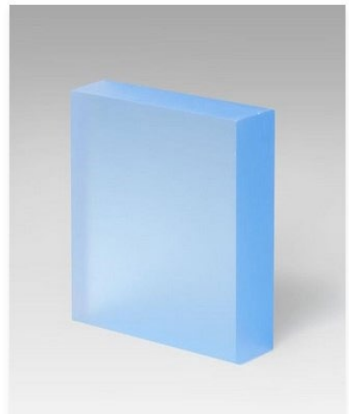
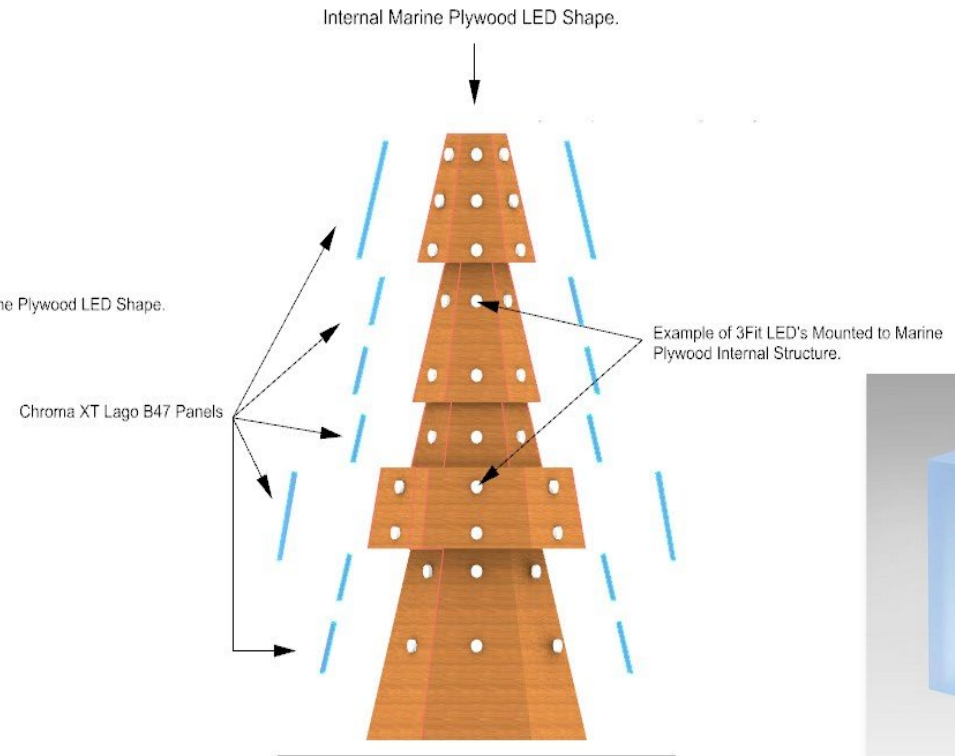
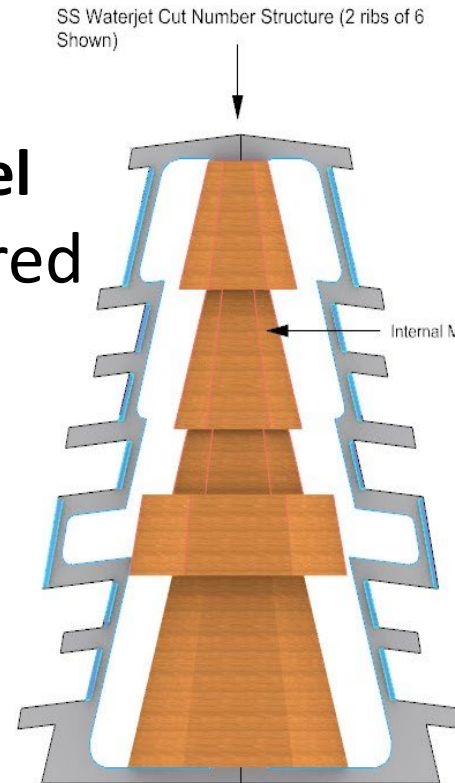


There would be LED lights inside the sculpture.

At night, the lights would illuminate to mimic the pulse of a heartbeat.

LEDs will be attached to an internal 6-sided marine plywood structure. Marine plywood panels will be CNC'd to spec by 3form and assembled by the artist around the welded stainless steel structure. Marine plywood structure will sit above the surface of the 24 foot tower to allow moisture to escape. 3form engineered resin will have a 6" offset from marine plywood structure to avoid hotspots as recommended by 3form.

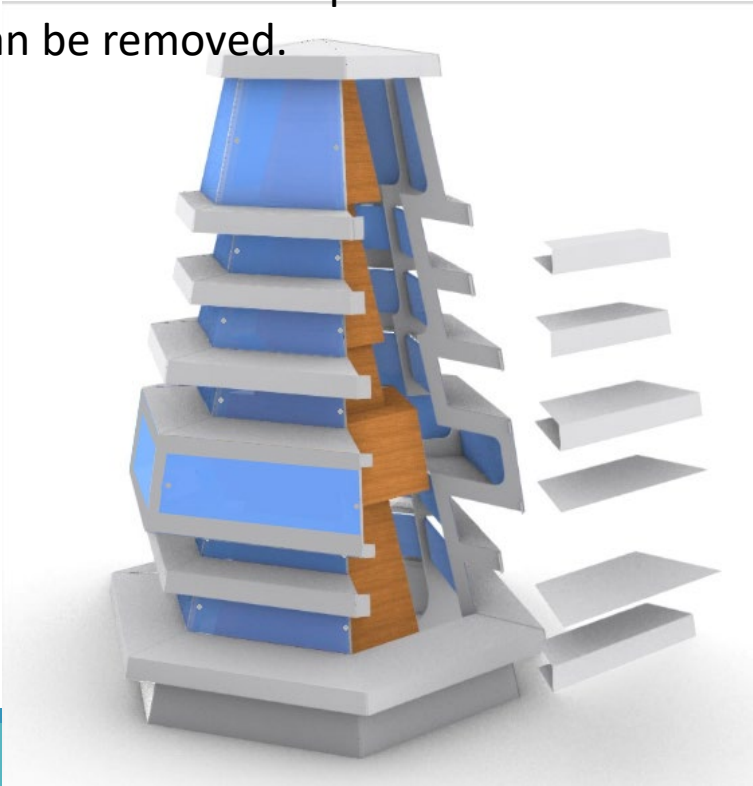
LEDs and 304 Stainless Steel 3form Chroma XT Engineered Resin



Lago
B47

INTERIOR ACCESS and ELECTRICAL

- All 3form panels can be unbolted for limited interior access.
- 5 of the 6 stainless steel facings are welded together. If greater interior access is necessary, the 6th facing has six stainless steel cross pieces that are bolted together and can be removed.



- Building contractor will install internal conduit from base to top of tower. Artist will hire Texas Electric to connect LED components to power source.
- Weather-proof, lockable box to house electrical components provided and installed on exterior of tower by building contractor.



Stainless steel:

MAINTENANCE

- Inspect the installation on a regular basis noting discoloration or stains.
- Wash with soap and water and a soft cloth to cut buildup.
- Treat any discoloration as soon as possible with brass or chrome cleaner. Irreversible pitting will occur without prompt treatment.
- A mild abrasive compound or pad will remove stubborn stains. But, be sure to follow the direction of the existing grain so as not to harm the existing mechanical finish. Rinse completely and dry with a clean cloth.

3form:

- Use warm water, mild detergent and a soft cloth or chamois.
- Rinse surface thoroughly after cleaning with lukewarm water.
- Blot dry with slightly damp, soft cloth or chamois.

Avoid using squeegees or scrapers as they may scratch. Avoid using scouring compounds or solvents such as: acetone, gasoline, benzene, carbon tetrachloride, or lacquer thinner. Avoid abrasives or highly alkaline cleaners. Do not use a dry cloth or a cloth of synthetic fiber such as rayon or polyester as they may scratch. Do not use Windex® or Glass Plus® cleaners.

TIMELINE

Budget

June - July 2021	Community	Engmt/Embedded
Time		
November 1, 2021	Mid-Design Review	
April 2022	Arts Conservation Review	
June 2022	Final Design approval by AIPP	
Panel and Arts Commission		
July 2022	Execute Commission Contract	
August 2022	Fabrication Begins	
June 2023	AFD	23/EMS 13 Artwork
Installed		
August 2023	EMS 1 Artwork Installed	

Artist Fees		Installation	
Design Fee	\$25,000	Labor	\$4,800
Contract Administration	\$5,000	Equipment rental	\$856
		Electrician	\$1,440
Professional Fees		Site Prep	\$5,011
3D Modeling	\$900		
Design Consultants	\$1,600	Operating Expenses	
		Studio Overhead	\$1,000
Materials		Travel	\$1,518
Steel	\$1,405	Insurance	\$2,000
Chroma XT Engineered Resin & LEDs	\$9,507		
Heart Template	\$900	Contingency	\$3,750
Fabrication Supplies	\$2,183		
		TOTAL	\$100,000
Fabrication			
Steel Fabrication/Assembly	\$16,370		
Template Fabrication	\$5,400		
Watercut	\$7,500		
Finishing	\$3,860		