# **Public Art Review Committee**

Thursday, February 27, 2025 4:30 PM

# **City of Hollywood**



Hollywood City Hall 2600 Hollywood Blvd Hollywood, FL 33020 http://www.hollywoodfl.org Thank you for demonstrating an interest in the City of Hollywood Public Art Committee meeting. The public may view the meeting either in person or virtually http://hollywoodfl.org/calendar and selecting the meeting's date.

The purpose of the Public Art Review Committee shall be to act in an advisory capacity to the City with regards to the aesthetic enrichment of the community through the creation of artwork. The implementation of this program will provide citizens of and visitors to the City an opportunity to enjoy and appreciate artwork in public and private spaces.

The Committee will work to promote positive aesthetic values of the entire community and to encourage the preservation and protection of artwork.

Any member of the public wishing to speak on an agenda item, which calls for public comment, may do so either in person or virtually:

Persons with disabilities who require reasonable accommodations to participate in City programs and/or services may call Clarissa Ip, ADA Coordinator/City Engineer, five business days in advance at 954-921-3915 (voice) or email: cip@hollywoodfl.org. For the hearing and speech impaired at 800-955-8771 (V-TDD).

For additional information or for assistance, please contact Planning and Urban Design Division, at 954-921-3471 option 3 or via email at planningdivision@hollywoodfl.org.

Persons attending meetings shall remain seated at all times unless called upon to speak, will not callout comments during the meeting or make inappropriate hand or facial gestures.

Please silence all cell phones prior to entering the meeting.

City of Hollywood Page 2

- A. Roll Call
- B. Overview
- C Public Art Review
- D. Voluntary Public Art Review

1. 2025 0227

**FILE NO.**: 24-PA-57

**APPLICANT:** Florida Department of Transportation

**LOCATION:** 215 N State Road 7

REQUEST: Evaluation of public sculpture design for three art pieces in an

existing linear park (The Trio)

Attachments: 2457 PA Application Package 2025 0220.pdf

2. 2025 0227

FILE NO.: 24-PA-98
APPLICANT: Pinnacle

LOCATION: 820-890 N State Rd 7

REQUEST: Evaluation of public sculpture design for one art piece in an

existing mixed-use development (Joy Through Music)

Attachments: 2498 PA Application Package 2025 0220.pdf

#### E. Adjournment

Legal descriptions for each of the above petitions is on file in the Department of Development Services.

Two or more members of the same city board, commission, or committee, who are not of this Commission, may attend this meeting and may, at that time, discuss matters on which foreseeable action may later be taken by their board, commission or committee.

Persons with disabilities who require reasonable accommodations to participate in City programs and/or services may call Clarissa Ip, ADA Coordinator/City Engineer, five business days in advance at 954-921-3915 (voice) or email: cip@hollywoodfl.org. If an individual is hearing or speech impaired, please call 1-800-955-8771 (V-TDD).

Note: Pre-Application Conceptual Overview (PACO) conference will be held immediately following conclusion of the Technical Advisory Committee (TAC). PACO is a non-sunshine conference.



# **City of Hollywood**

Hollywood City Hall 2600 Hollywood Blvd Hollywood, FL 33020 http://www.hollywoodfl.org

# **Staff Summary**

File Number: 1. 2025\_0227

Agenda Date: 2/27/2025 Agenda Number:

To: Public Art Review Committee

Title: FILE NO.: 24-PA-57

APPLICANT: Florida Department of Transportation

LOCATION: 215 N State Road 7

REQUEST: Evaluation of public sculpture design for three art

pieces in an existing linear park (The Trio)

City of Hollywood Page 1



# GENERAL APPLICATION

APPLICATION DATE: 1/22/2025

	APPLICATION TYPE (CHECK ALL	THAT APPLIES):
2600 Hollywood Blvd		Art in Public Places Committee
Room 315		Historic Preservation Board Special Exception
Hollywood, FL 33022	City Commission	Administrative Approval
Tel: (954) 921-3471	PROPERTY INFORMATION	
Email: Development@	Location Address: 215 N State Roa	d 7 Hollywood, FL 33020
Hollywoodfl.org	Lot(s):Bloo	ck(s): Subdivision:
SUBMISSION REQUIREMENTS:		
One set of signed &	Zoning Classification:	Land Use Classification:
sealed plans (i.e. Architect or Engineer)		Sq Ft/Number of Units:
One electronic		ation notice?  Yes  No <b>If yes</b> , attach a copy of violation.
combined PDF	•	o the City before? If yes, check al that apply and provide File
submission (max. 25mb)	Number(s) and Resolution(s): No	
<ul> <li>Completed Application Checklist</li> </ul>	DEVELOPMENT PROPOSAL	
Application fee	DEVELOPMENT PROPOSAL	
	Explanation of Request:	
	Phased Project: Yes  No Num	iber of Phases:
	Project	Proposal
	Units/rooms (# of units)	#UNITS: #Rooms
NOTE:	Proposed Non-Residential Uses	S.F.)
This application must be completed in full	Open Space (% and SQ.FT.)	Required %: (Area: S.F.)
and submitted with all	Parking (# of spaces)	PARK. SPACES: (# )
documents to be placed on a Board or	Height (# of stories)	(# STORIES) (FT.)
Committee's agenda.	Gross Floor Area (SQ. FT)	Lot(s) Gross Area (FT.)
The applicant is responsible for obtain-		
ing the appropriate		Florida Department of Transportation
checklist for each type of application.		
Applicant(s) or their	Telephone: Em	aail Address:
authorized legal agent	Applicant	Consultant Representative Tenant
must be present at all Board or Committee		Telephone:
meetings.		
	•	
		s there an option to purchase the Property? Yes 🔲 No 🗀
	If Yes, Attach Copy of the Contract.	
CLICK HERE FOR FORMS, CHECKLISTS, &	Noticing Agent (FTAC & Board su	bmissions only):
MEETING DATES	E-mail Address:	



# **GENERAL APPLICATION**

#### **CERTIFICATION OF COMPLIANCE WITH APPLICABLE REGULATIONS**

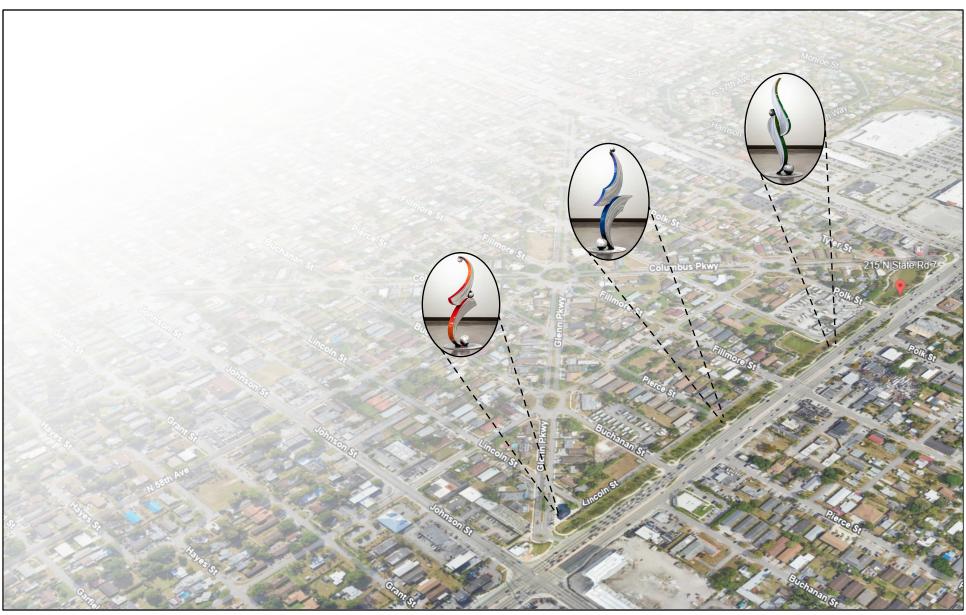
The applicant/owner(s) signature certifies that he/she has been made aware of the criteria, regulations and guidelines applicable to the request. This information can be obtained in Room 315 of City Hall or on our website at <a href="www.hollywoodfl.org">www.hollywoodfl.org</a>. The owner(s) further certifies that when required by applicable law, including but not limited to the City's Zoning and Land Development Regulations, they will post the site with a sign provided by the Office of Planning and Development Services. The owner(s) will photograph the sign the day of posting and submit photographs to the Office of Planning and Development Services as required by applicable law. Failure to post the sign will result in violation of State and Municipal Notification Requirements and Laws.

(I)(We) certify that (I) (we) understand and will comply with the provisions and regulations of the City's Zoning and Land Development Regulations, Design Guidelines, Design Guidelines for Historic Properties and City's Comprehensive Plan as they apply to this project. (I)(We) further certify that the above statements and drawings made on any paper or plans submitted herewith are true to the best of (my)(our) knowledge. (I)(We) understand that the application and attachments become part of the official public records of the City and are not returnable.

Signature of Current Owner:  PRINT NAME:  Signature of Consultant/Representative:	Date: 1/27/25
PRINT NAME:	Date:
Signature of Tenant:	Date:
PRINT NAME:	Date:
I am the current owner of the described real property and that I am aware to my property, which is hereby recommittee) relative to all matters concerning this application.	
Sworn to and subscribed before me this day of	Signature of Current Owner
Notary Public State of Florida	Print Name

My Commission Expires: (Check One) Personally known to me; OR Produced Identification

Parcel ID: 514113031680 Address: 215 N STATE ROAD 7



# Legend

— Streets

Subject Property

Land Use - TOC

Esri Community Maps Contributors, FDEP,  $\circledcirc$  OpenStreetMap, Microsoft, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA,

# Public Art Review Committee Submittal for "The Trio" by Clayton Swartz

## **Clayton Swartz**



Swartz Gallery 5609 Park Blvd.

Pinellas Park, FL 33781

art@claytonswartz.com

727-421-0553

#### Selected Public, Private, Corporate Collections and Commissions

- "Set Sail" "Ascending Heart" and "Pair of Hearts" sculptures for Pinnacle Housing Group at Peace Field. Hollywood, FL 2020
- "Tranquility" Sculpture for the City of Deerfield Beach, Deerfield Beach, FL 2020
- "Heart of the Community" Large scale sculpture for the City of Largo, Largo, FL, 2020
- "Faith, Hope and Love" Large scale sculpture for Compass Entertainment Complex Irvington, VA, 2020
- "Silverware" Large scale sculpture for The Office Café Irvington, VA, 2020
- "Ocean and Sunset" 3 Wall Sculptures" Sunset Pointe at Collany Key, Tierra Verde, FL 2019
- "# Brady Strong" sculpture for the City of Safety Harbor, Safety Harbor, FL 2019
- "Moons of the Galaxy" Large scale sculpture for the City of Bonita Springs, Bonita Springs, FL 2019
- "Jazz for the Soul" sculpture for Clearwater Jazz Holiday Foundation Inc, Clearwater, FL 2019
- "Sea Turtle Under the Sea" Wall sculpture for Sunset Vistas, Treasure Island, FL 2019
- "Heron in Sea Grass" sculpture for Sunset Vistas, Treasure Island, FL 2019
- "Tarpon and Jellyfish Under the Sea" sculptures for Poseidon Adventures Development Group, Tampa, FL 2019
- "Mahi-Mahi on the Anchor" sculpture for Poseidon Adventures Development Group, Tampa, FL 2019
- "Colossal Sea Horse" Large scale sculpture at Crabby's Dockside Restaurant for Clearwater Beach Seafood Group, Clearwater Beach, FL, 2018

"Family of Hearts" Large scale sculpture at Doyle Park for Belleair Community Foundation, Belleair, FL 2018

"Ascending Heart" Sculpture at Doyle Park for Belleair Community Foundation, Belleair, FL 2018

"Grouper and Jellyfish on the Coral Reef" Poseidon Adventures Development Group, Tampa, FL 2018

"Cat, Dog, & Bird" Sculptural logo for Animal Medical Hospital St. Petersburg, FL 2018

"Humanity at Work Bus Shelter" Refurbished Bus Shelter with garbage can, and bike rack. City of Dunedin and Bay Care Health, Dunedin, FL 2017

"Old School Rocket" Large scale sculpture with LED lighting for Private Collector in Cape Canaveral, FL 2017

"Flock of Herons" Large scale sculpture City of Bushnell, Bushnell, FL 2017

"Soaring Heart" Sculpture at Oakland Preserve for Pinnacle Housing Development, Oakland Park, FL 2017

"Framed Heart" Wall sculpture for Sessum's Law Group Lakeland, FL 2017

"Patriots Baseball" Wall sculpture for TBSA Patriots, Largo, FL 2017

"Web Jem's" Wall sculpture for Web Gems Customs, Ocala, FL 2017

"Renewable Energy" 6 sculptural benches with built in charging stations. Art in State Building Project. Emergent Technologies Building at Florida Gulf Coast University,

Ft. Myers, FL 2016.

"Ascension" Large scale sculpture at Victoria Place, JMC Design Development Dunedin, FL 2016

"The Wave" sculpture and artistic bench at Victoria Place, JMC Design Development Dunedin, FL 2016

"Sea Life Coral Reef Scene" Assortment of wall sculptures for 400 Beach restaurant, Saint Petersburg, FL 2016

"Match Made in Heaven" Large scale sculpture at Redington Towers, Redington Shores, FL, 2016

"Bodies in Motion" sculpture at Gibson Plaza for Pinnacle Housing Development, Coconut Grove, FL 2016

"Inspire Life" sculpture at Pinellas Park Library, City of Pinellas Park, Pinellas Park, FL 2016

"Herons and Butterflies Scene" Sculptural Railing for Curtis Allen Designs, Ft. Myers, FL 2015

"Ocean Waves" 10 Large Scale wall sculptures at Tarpon River Development for Pinnacle Housing Group and DM Art Enterprises, Ft. Lauderdale, FL 2015

"Coral Reef" Sea Life Installation. All Children's Hospital, St. Petersburg, FL 2015

- "Skyward Sculpture" Art in State Buildings, Florida Gulf Coast University, Ft. Myers, FL 2015
- "Jungle Coral" Interactive sculpture at Marriott Ocean Pointe Hotel, West Palm Beach, FL 2015
- "Rebirth" Large Scale Sculpture for the Barrymore Hotel, Tampa, FL 2014
- "Butterflies" Large scale wall sculptures at The Amistad for Pinnacle Housing and DM Art Enterprises Miami, FL 2014
- "Artist Palette" Sculpture located at Objects Gallery for Omni Design Group, Irvington, VA 2014
- "Reaching for the Planets" sculpture at Mimms Corp., Lakeland, FL, 2014
- "Summer in the Park" Bus shelter with solar lighting panel, garbage can, bike rack and bench, Richmond Group and Pinellas Sun Coast Transit Authority PSTA, Epic Apartments, Pinellas Park, FL 2014
- "Lois" Large scale sculpture at Harrison School for the Arts, Lakeland, FL 2014
- "Love Thy Neighbor" Pinnacle Housing Development and Housing Authority Ft Myers, FL 2014.
- "Jumping Mahi" sculpture at Marriott Ocean Pointe Hotel, West Palm Beach, FL 2014
- "Herons" sculpture for DM Art Enterprises, Miami, FL 2014
- "Wawa Bird" sculpture for Wawa, Castleberry, FL 2013
- "Grouper and Jellyfish" sculpture for All Children's Hospital, St. Petersburg, FL 2013
- "Ascending Heights" sculpture for Pinnacle Housing Development, TX 2013
- "Festival" sculpture for DM Art Enterprises, Miami, FL 2013
- "Movement-Tools of the Trade" Large scale kinetic sculpture for Private Collector in Johnson City, TN 2012
- "Defenders of the Constitution" Pair of Large scale sculptures for Private Collector in Johnson City, TN 2012
- "Under the Sea" 12 wall sculptures installation Children's outdoor area at All Children's Hospital, St. Petersburg, FL 2012
- "For the Kids" sculptures for outdoor area at All Children's Hospital, St. Petersburg, FL 2012
- "Floor Mascots" wall sculptures for various floors- Pelican, Hot Air Balloons, Butterfly, Manatee, All Children's Hospital, St. Petersburg, FL 2012
- "Hearts a Blaze" sculpture for the Cardiac Wing at All Children's Hospital, St. Petersburg, FL 2012
- "Reef Scene" sculpture for Second Floor at All Children's Hospital, St. Petersburg, FL 2012
- "Apex" Large scale sculpture for Private Collector in Johnson City, TN, 2012
- "Genesis" Large scale sculpture at The Kings Terrace Housing Development for Pinnacle Group and DM Art Enterprise, Opa-Locka, FL 2012

- "Sea Life Installation" Assortment of 20 sculptures for 400 Beach Restaurant, St. Petersburg, FL 2011
- "Life Time Achievement Award for Larry King" sculpture for Congregation Beth Shalom, Clearwater, FL 2011
- "God is Love" Wall sculpture at Sacred Heart Church, Pinellas Park, FL 2011
- "Searching the Galaxies" Large scale sculpture for Intermark Management, St. Petersburg, FL 2011
- "Reef Scene" Installation for Top Job Services, St. Petersburg, FL 2011
- "Coral Reef" Sculptural Gate for Imperial Apartments, St. Petersburg Beach, FL 2011
- "Revolution" Sculpture for Oak Ridge Estates Housing Development for Pinnacle Development Group and DM Art Enterprises in Tarpon Spring, FL 2011
- "Hearts" sculptures for Just Hearts Delray Beach, FL 2010
- "Belleair Reef Scene Gates" Large custom sculptural gates for Private Collector in Belleair Beach, FL 2010
- "Hands and Heart" wall sculpture for Paul's Project Inc, Palm Harbor, FL 2010
- "Rocket Wagon Ship" Wall sculpture Garrison Jones Elementary Dunedin, FL 2010
- "At Play" sculpture for Tampa Bay Magazine, Clearwater, FL 2010
- "Sting Ray" sculpture Sunset Hills Elementary School, Tarpon Springs, FL 2009
- "Children at Play" Wall sculptures for Meni-Ninho and Meni-Ninha Child Care Center, Miami, FL 2009
- "Angel fish on the reef" sculpture for Homewood Suites, Tampa, FL 2009
- "Heart of Pinellas" Large scale sculpture located at Pinellas Park Library, City of Pinellas Park, Pinellas Park, FL 2008

#### **Outdoor Exhibits Current and Previous**

- "Festival Blue" Sculpture 360 City of Clearwater Public Art Exhibit 2020-21.
- "Triangular and Family of Hearts Sculptures": Inspiration Way Exhibit City of Tamarac, Tamarac, FL 2019-2020
- "Faith, Hope, and Love" Large scale sculpture at Swartz Gallery, Pinellas Park, FL 2019-2020
- "Metamorphosis-Dragon Fly" Large scale Wall Sculpture at Swartz Gallery, Pinellas Park, FL 2015-current
- "Out of the Ashes" Sculpture at Swartz Gallery, Pinellas Park, FL 2017-current
- "Family of Hearts" Large scale Sculpture, Swartz Gallery, Pinellas Park, FL 2016-2018

"Constellation" Large scale sculpture for Sculpture 360 City of Clearwater Public Art Installation Clearwater, FL 2010-2011

"Sea Life Reef" Clearwater Municipal Garage Outdoor Exhibit Clearwater, FL 2010

"Rebirth" Large Scale Sculpture, 1<sup>st</sup> Place Award, Art Loud Public Art Installation Tampa, FL 2011-2012

"Concentric" Art Loud Public Art Installation Crew Tampa Bay Tampa, FL 2010-2011

"Heart of Pinellas" Large scale sculpture at Park Station for the City of Pinellas Park, Pinellas Park, FL 2008-2013

"Sea Life Installation" Various sculptures Salt Rock Grill, Indian Shores, FL 2007-Present.

#### **Current Galleries Stores**

Swartz Gallery, Pinellas Park FL Gallery One, Naples, FL Clay and Paper Dunedin, FL

#### **Grants and Awards**

"Triangular" People's Choice Award Inspiration Way Exhibit City of Tamarac, Tamarac, FL 2020

Pinellas County Professional Artist Grant, 2018

Art in State Buildings Recipient Florida Gulf Coast University, 2016

Art in State Buildings Recipient Florida Gulf Coast University, 2015

First Place Art Loud Sculpture Competition, Tampa, FL, 2012

#### **Education and Experience**

BFA, University of South Florida, Sculpture and Painting, 1999

AA, Saint Petersburg Junior College, 1996

Pinellas County Schools Art Instructor 2000-2006

Full time Metal Sculptor and Painter in Pinellas Park, Florida Studio since 2004

Exhibiting in Select Juried Art Festivals throughout the country since 2005

Large Scale Public Artist and Commissions since 2008

Owner of Swartz Gallery in Pinellas Park, Florida since 2015

# **Artist Concept Statement**

"The Trio" by Clayton Swartz are companion pieces to *JOY*, donated to the City of Hollywood by Pinnacle, and were created in the same spirit as their parent sculpture. I designed these pieces to provide a cohesive aesthetic for their environment. Using flowing lines, bold monochromatic colors, and raw aluminum, I aimed to give the sculptures an uplifting feel. These abstract figures maintain a sense of balance through their flowing curves and spheres. The sculptures invite viewers to interpret their meaning, allowing for personal connections to each one.

## **Narrative Statement**

"This piece is part of a trio of three non-representational abstract sculptures created alongside the sculpture JOY. These sculptures explore composition, balance, and harmony to evoke an aesthetic of joy, happiness, and bliss."







"The Trio" by Clayton Swartz







# Weatherproofing and Environmental Durability

The sculptures are made using marine-grade aluminum, ensuring strength and durability by welding every component. The fist coat consists of an epoxy primer, followed by a layer of DuPont colors to achieve a vibrant, striking finish. To protect the colors and ensure their longevity, four coats of DuPont clear coat with UV protection are applied. Over the past 20 years, this method has been thoroughly tested, consistently proving that the sculptures retain their brilliance and withstand the test of time againt South Florida's weather conditions of heat, humity and rain. Structural analysis has also been completeted to ensure that the installation of these piece will stand the test of hurricane force winds.

## Maintenance Plan

The maintenance includes an annual freshwater wash down to remove dirt and debris.

Additionally, once per year a spray on car wax or ceramic coating can be applied to the sculpture to maintain color and shine. A gallon of coating should not cost more than twenty dollars.

# **Schedule of Completion**

The preparation of the signed and sealed plans is expected to be completed within a 6–8 week timeframe. Following this, securing city permits and the FDOT Community Aesthetic Feature Agreement will take approximately 3-5 months after plans are finalized. Lastly installation of all three pieces should be completed within 3-5 weeks once a contractor is secured.





# **Structural Calculations**

## for

# Pinnacle 441 Phase II - Sculpture Pedestal

6028 Johnson Street Hollywood, FL 33024

Issued January 5<sup>th</sup>, 2024

Prepared by:

Bliss & Nyitray, Inc. Structural Engineers 5835 Blue Lagoon Drive, Suite 400 Miami, Florida 33126 Tel. 305.442.7086 Fax 866.832.5291 www.BNIengineers.com CA 674 BNI Project No. 22180

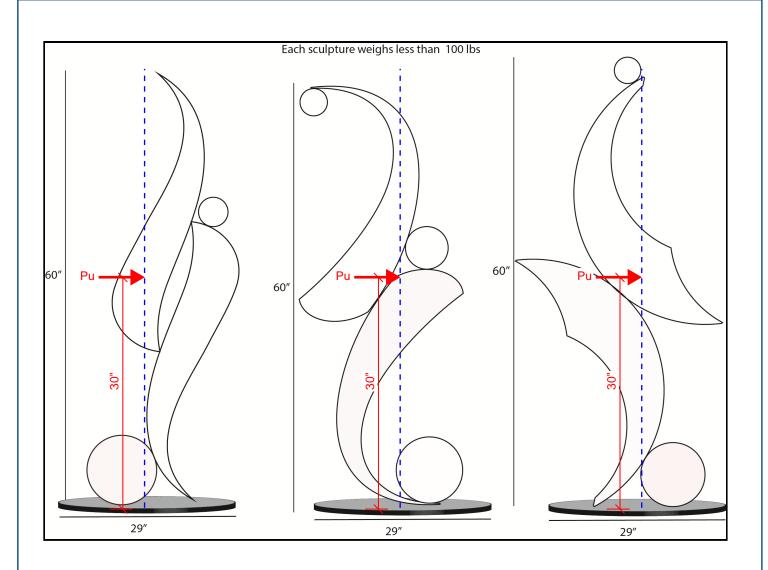
Gabriel Leitz, S.E., P.E. Florida P.E. Registration No. 81348

Calculations have been prepared by the undersigned engineer assuming responsibility for manual and computer-generated information.





JOB No. \_\_\_\_\_\_ BY \_\_\_\_\_ DATE \_\_\_\_\_





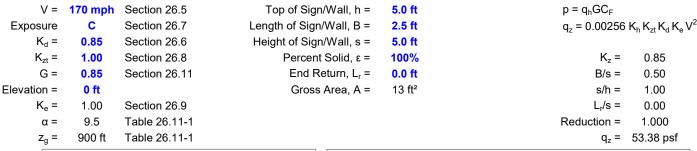
#### BLISS & NYITRAY, INC. Structural Engineers

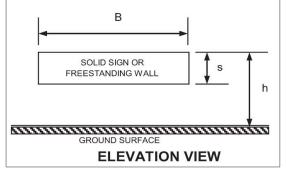
 JOB
 Pinnacle 441 Phase II

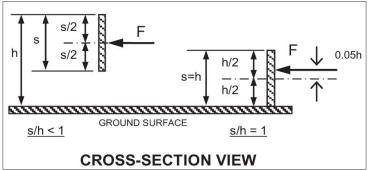
 SHEET No.
 JOB No.
 22180

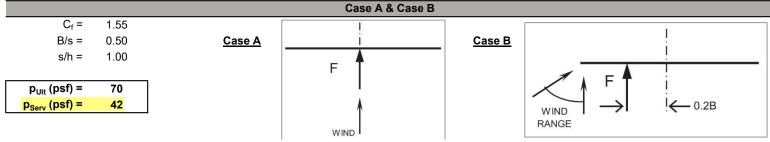
 CALCULATED BY
 DATE:
 1/5/2024

# ASCE 7-16 Chapter 29: Wind Loads Main Wind Force (MWF) - Freestanding Walls & Signs









Pedestal will be analyzed as a footing to check for overturning. An equivalent square pedestal size (from the section modulus of the actual circular pedestal) will be determined that can then be designed using enercalc:

Section Modulus of a Circle:  $S = pi * D^3 / 32$ 

Section Modulus of a Square:  $S = h^3 / 6$ 

When D = 36"  $\rightarrow$  h = 30" equivalent dimension (for enercalc)

Pu = 42 psf \* (60" / 12) \* (15" / 12) = 0.263 k

Mu = Pu \* 0.5\* (60" / 12) = 0.657 k-ft  $\rightarrow$  x1.6 = 1.05 k-ft (for enercalc due to load combinations)

Hilti will be used to design the bolt configuration.

**General Footing** 

LIC#: KW-06014616, Build:20.24.04.09

Project File: 22180.ec6 BLISS & NYITRAY INC (c) ENERCALC INC 1983-2023

**DESCRIPTION:** Art Sculpture Pedestal

#### **Code References**

Calculations per ACI 318-14, IBC 2018, CBC 2019, ASCE 7-16

Load Combinations Used: IBC 2018

#### **General Information**

Material Properties			4.0 ksi	Soil Design Values		2.0.1
f'c : Concrete 28 day strength	=			Allowable Soil Bearing	=	2.0 ksf
fy : Rebar Yield	=	6	0.0 ksi	Soil Density	=	110.0 pcf
Ec : Concrete Elastic Modulus	=	3,60	5.0 ksi	Increase Bearing By Footing Weight	=	No .
Concrete Density	=	14	5.0 pcf	Soil Passive Resistance (for Sliding)	=	250.0 pcf
φ Values Flexure	=	0	.90	Soil/Concrete Friction Coeff.	=	0.30
Shear	=	0.7	<b>'</b> 50	Increases based on footing Depth		
Analysis Settings				Footing base depth below soil surface	=	0.50 ft
Min Steel % Bending Reinf.		=		Allow press. increase per foot of depth	=	ksf
Min Allow % Temp Reinf.		=	0.00180	when footing base is below	=	ft
Min. Overturning Safety Factor		=	1.0 : 1	•		
Min. Sliding Safety Factor		=	1.0 : 1	Increases based on footing plan dimensi	on	
Add Ftg Wt for Soil Pressure		:	Yes	Allowable pressure increase per foot of d	epth	
Use ftg wt for stability, moments & shear	'S	:	Yes	la a a a a a a la a a tha a a a a tha a a a a a ta a t	=	ksf
Add Pedestal Wt for Soil Pressure		: No		when max. length or width is greater than	ı _	ft
Use Pedestal wt for stability, mom & she	ar	:	No		_	п

#### **Dimensions**

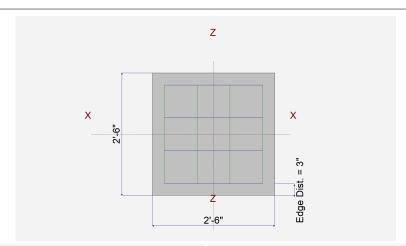
Width parallel to X-X Axis	=	2.50 ft
Length parallel to Z-Z Axis	=	2.50 ft
Footing Thickness	=	12.0 in

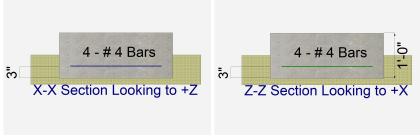
Pedestal dimensions... px: parallel to X-X Axis in pz : parallel to Z-Z Axis in Height in Rebar Centerline to Edge of Concrete... at Bottom of footing 3.0 in

## Reinforcing

Bars parallel to X-X Axis Number of Bars Reinforcing Bar Size Bars parallel to Z-Z Axis Number of Bars Reinforcing Bar Size Bandwidth Distribution Check (ACI 15.4.4.2) **Direction Requiring Closer Separation** n/a

# Bars required within zone n/a # Bars required on each side of zone n/a





#### **Applied Loads**

		D	Lr	L	S	W	E	Н
P : Column Load OB : Overburden	= =	0.050						k ksf
M-xx M-zz	= =					1.050		k-ft k-ft
V-x V-z	= =							k k

4

4

4

Project Title: Engineer: Project ID: Project Descr:

**General Footing** 

Project File: 22180.ec6
& NYITRAY INC (c) ENERCALC INC 1983-2023

LIC#: KW-06014616, Build:20.24.04.09

09 BLISS & NYITRAY INC

**DESCRIPTION:** Art Sculpture Pedestal

#### **DESIGN SUMMARY**

## Design OK

	•				
	Min. Ratio	Item	Applied	Capacity	Governing Load Combination
PASS	0.4896	Soil Bearing	0.9792 ksf	2.0 ksf	+0.60D+0.60W about Z-Z axis
PASS	n/a	Overturning - X-X	0.0 k-ft	0.0 k-ft	No Overturning
PASS	1.138	Overturning - Z-Z	0.630 k-ft	0.7172 k-ft	+0.60D+0.60W
PASS	n/a	Sliding - X-X	0.0 k	0.0 k	No Sliding
PASS	n/a	Sliding - Z-Z	0.0 k	0.0 k	No Sliding
PASS	n/a	Uplift	0.0 k	0.0 k	No Uplift
PASS	0.02477	Z Flexure (+X)	0.3126 k-ft/ft	12.621 k-ft/ft	+0.90D+W
PASS	0.01077	Z Flexure (-X)	0.1359 k-ft/ft	12.621 k-ft/ft	+1.20D+W
PASS	0.000693	X Flexure (+Z)	0.008750 k-ft/ft	12.621 k-ft/ft	+1.40D
PASS	0.000693	X Flexure (-Z)	0.008750 k-ft/ft	12.621 k-ft/ft	+1.40D
PASS	0.02680	1-way Shear (+X)	2.543 psi	94.868 psi	+0.90D+W
PASS	0.008491	1-way Shear (-X)	0.8056 psi	94.868 psi	+1.20D+W
PASS	0.000547	1-way Shear (+Z)	0.05185 psi	94.868 psi	+1.40D
PASS	0.000547	1-way Shear (-Z)	0.05185 psi	94.868 psi	+1.40D
PASS	0.002474	2-way Punching	0.4695 psi	189.737 psi	+1.20D+W



Top reinforcing mat required (see 'Bending' tab).

Hand check required for anchor pullout.

#### **Detailed Results**

#### **Soil Bearing**

Rotation Axis &		Xecc Zecc Actual Soil Bearing Stress @ Location					Actual / Allow	
Load Combination	Gross Allowable	(ir	า)	Bottom, -Z	Top, +Z	Left, -X	Right, +X	Ratio
X-X, D Only	2.0	n/a	0.0	0.1530	0.1530	n/a	n/a	0.077
X-X, +D+0.60W	2.0	n/a	0.0	0.1530	0.1530	n/a	n/a	0.077
X-X, +D+0.450W	2.0	n/a	0.0	0.1530	0.1530	n/a	n/a	0.077
X-X, +0.60D+0.60W	2.0	n/a	0.0	0.09180	0.09180	n/a	n/a	0.046
X-X, +0.60D	2.0	n/a	0.0	0.09180	0.09180	n/a	n/a	0.046
Z-Z, D Only	2.0	0.0	n/a	n/a	n/a	0.1530	0.1530	0.077
Z-Z, +D+0.60W	2.0	7.906	n/a	n/a	n/a	0.0	0.4283	0.214
Z-Z, +D+0.450W	2.0	5.929	n/a	n/a	n/a	0.0	0.3355	0.168
Z-Z, +0.60D+0.60W	2.0	13.176	n/a	n/a	n/a	0.0	0.9792	0.490
Z-Z, +0.60D	2.0	0.0	n/a	n/a	n/a	0.09180	0.09180	0.046

#### **Overturning Stability**

Rotation Axis & Load Combination	Overturning Moment	Resisting Moment	Stability Ratio	Status
X-X, D Only	None	0.0 k-ft	Infinity	OK
X-X, +D+0.60W	None	0.0 k-ft	Infinity	OK
X-X, +D+0.450W	None	0.0 k-ft	Infinity	OK
X-X, +0.60D+0.60W	None	0.0 k-ft	Infinity	OK
X-X, +0.60D	None	0.0 k-ft	Infinity	OK
Z-Z, D Only	None	0.0 k-ft	Infinity	OK
Z-Z, +D+0.60W	0.630 k-ft	1.195 k-ft	1.897	OK
Z-Z, +D+0.450W	0.4725 k-ft	1.195 k-ft	2.530	OK
Z-Z, +0.60D+0.60W	0.630 k-ft	0.7172 k-ft	1.138	OK
Z-Z, +0.60D	None	0.0 k-ft	Infinity	OK
iding Stability			•	All units k

## **Sliding Stability**

Force Application Axis
Load Combination... Sliding Force Resisting Force Stability Ratio Status

# Footing Has NO Sliding Footing Flexure

Flexure Axis & Load Combination	<b>Mu</b> k-ft	Side	Tension Surface	As Req'd in^2	Gvrn. As in^2	Actual As in^2	Phi*Mn k-ft	Status
X-X, +1.40D	0.008750	+Z	Bottom	0.2592	ACI 7.6.1.1	0.320	12.621	OK
X-X, +1.40D	0.008750	-Z	Bottom	0.2592	ACI 7.6.1.1	0.320	12.621	OK

# General Footing LIC#: KW-06014616, Build:20.24.04.09

BLISS & NYITRAY INC

Project File: 22180.ec6 (c) ENERCALC INC 1983-2023

**DESCRIPTION:** Art Sculpture Pedestal

#### **Footing Flexure**

Flexure Axis & Load Combination	Mu k-ft	Side	Tension Surface	As Req'o	d Gvrn. A in^2	As Actual in^2		hi*Mn k-ft	Status
X-X, +1.20D	0.00750	+Z	Bottom	0.2592	ACI 7.6.1.	.1 0.32	20	12.621	ок
X-X, +1.20D	0.00750	-Z	Bottom	0.2592	ACI 7.6.1.	.1 0.32	20	12.621	OK
X-X, +1.20D+0.50W	0.00750	+Z	Bottom	0.2592	ACI 7.6.1.			12.621	oĸ
X-X, +1.20D+0.50W	0.00750	-Z	Bottom	0.2592	ACI 7.6.1.	.1 0.32	20	12.621	oĸ
X-X, +1.20D+W	0.00750	+Z	Bottom	0.2592	ACI 7.6.1.			12.621	oĸ
X-X, +1.20D+W	0.00750	-Z	Bottom	0.2592	ACI 7.6.1.			12.621	oĸ
X-X, +0.90D+W	0.005625	+Z	Bottom	0.2592	ACI 7.6.1.			12.621	oĸ
X-X, +0.90D+W	0.005625	-Z	Bottom	0.2592	ACI 7.6.1.			12.621	OK
X-X, +0.90D	0.005625	+Z	Bottom	0.2592	ACI 7.6.1.			12.621	oĸ
X-X, +0.90D	0.005625	-Z	Bottom	0.2592	ACI 7.6.1.			12.621	OK
Z-Z, +1.40D	0.008750	-X	Bottom	0.2592	ACI 7.6.1.			12.621	OK
Z-Z, +1.40D	0.008750	+X	Bottom	0.2592	ACI 7.6.1.			12.621	OK
Z-Z, +1.20D	0.00750	-X	Bottom	0.2592	ACI 7.6.1.			12.621	OK
Z-Z, +1.20D	0.00750	+X	Bottom	0.2592	ACI 7.6.1.			12.621	OK
Z-Z, +1.20D+0.50W	0.09714	-X	Top	0.2592	ACI 7.6.1.			12.621	OK
Z-Z, +1.20D+0.50W	0.1128	+X	Bottom	0.2592	ACI 7.6.1		20	12.621	OK
Z-Z, +1.20D+W	0.1359	-X	Top	0.2592	ACI 7.6.1.			12.621	ok
Z-Z, +1.20D+W	0.2840	+X	Bottom	0.2592	ACI 7.6.1.		20	12.621	OK
Z-Z, +1.20D+W Z-Z, +0.90D+W	0.1020	-X	Top	0.2592	ACI 7.6.1.		20	12.621	OK
Z-Z, +0.90D+W Z-Z, +0.90D+W	0.1020	-X +X	Bottom	0.2592	ACI 7.6.1.			12.621	OK
	0.005625	-X	Bottom	0.2592	ACI 7.6.1.			12.621	OK
Z-Z, +0.90D				0.2592					OK
Z-Z, +0.90D One Way Shear X	0.005625	+X	Bottom	0.2592	ACI 7.6.1	.1 0.32	20	12.621	UK
Load Combination			Vu	@ -X V	u @ +X	Vu:Max	Phi Vn	Vu / Phi*Vn	Status
+1.40D				0.05 psi	0.05 ps	i 0.05 psi	94.87 p	si 0.00	OK
+1.20D				0.04 psi	0.04 ps			si 0.00	ок
+1.20D+0.50W				0.70 psi	0.79 ps				OK
+1.20D+W				0.70 psi	2.37 ps		94.87 p		OK
+0.90D+W					2.54 ps	•	94.87 p		OK
				0.60 psi		•			OK
+0.90D				0.03 psi	0.03 ps	i 0.03 psi	94.87 p	si 0.00	OK
One Way Shear Z				_					
Load Combination			Vu		u @ +Z	Vu:Max	Phi Vn	Vu / Phi*Vn	Status
+1.40D				0.05 psi	0.05 ps		94.87 p		OK
+1.20D				0.04 psi	0.04 ps		94.87 p		OK
+1.20D+0.50W				0.04 psi	0.04 ps		94.87 p		OK
+1.20D+W				0.04 psi	0.04 ps		94.87 p		OK
+0.90D+W				0.03 psi	0.03 ps		94.87 p		OK
+0.90D				0.03 psi	0.03 ps	i 0.03 psi	94.87 p		ok
Two-Way "Punching" Shear								All units	k k
Load Combination		Vu		Phi*Vn	1	Vu / Phi*Vn	<u>)</u>		Status
+1.40D		0.20	) psi	189.7	4psi	0.001036			OK
+1.20D		0.17	' psi	189.7	4psi	0.000888			ok
		0.17 0.17	•	189.7 189.7		0.000888 0.000893			OK OK
+1.20D			' psi		4psi				
+1.20D +1.20D+0.50W		0.17	' psi ' psi	189.7	4psi 4psi	0.000893			OK



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Company: Page: Address: Specifier: Phone I Fax: | E-Mail:

Design: Art Sculpture Pedestal Date: 1/5/2024

Fastening point:

#### Specifier's comments:

## 1 Input data

Anchor type and diameter: Kwik Bolt 1 - CS 1/2 (2) hnom1

Item number: 2231458 KB1 1/2x3 3/4

Effective embedment depth:  $h_{ef,act} = 2.000 \text{ in., } h_{nom} = 2.375 \text{ in.}$ 

Material: Carbon Steel
Evaluation Service Report: ER-678

Issued I Valid: 3/14/2023 | 11/30/2023

Proof: Design Method ACI 318-19 / Mech

Stand-off installation:  $e_b = 0.000$  in. (no stand-off); t = 0.250 in.

Anchor plate<sup>R</sup>:  $I_x \times I_y \times t = 30.000 \text{ in. } \times 0.250 \text{ in.;}$  (Recommended plate thickness: not calculated)

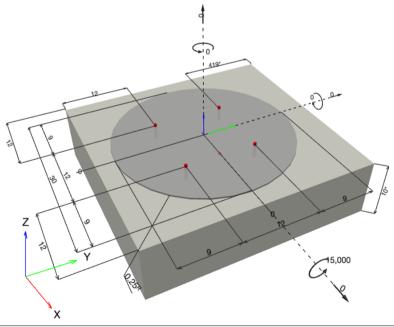
Profile: no profile

Base material: cracked concrete, 4000,  $f_c' = 4,000$  psi; h = 10.000 in. Installation: hammer drilled hole, Installation condition: Dry

Reinforcement: tension: not present, shear: not present; no supplemental splitting reinforcement present

edge reinforcement: none or < No. 4 bar

#### Geometry [in.] & Loading [lb, in.lb]



Input data and results must be checked for conformity with the existing conditions and for plausibility! PROFIS Engineering ( c ) 2003-2024 Hilti AG, FL-9494 Schaan Hilti is a registered Trademark of Hilti AG, Schaan



<sup>&</sup>lt;sup>R</sup> - The anchor calculation is based on a rigid anchor plate assumption.



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#### 1.1 Design results

Case	Description	Forces [lb] / Moments [in.lb]	Seismic	Max. Util. Anchor [%]
1	Combination 1	$N = 0$ ; $V_x = 0$ ; $V_y = 0$ ;	no	23
		$M_v = 15,000; M_v = 0; M_z = 0;$		

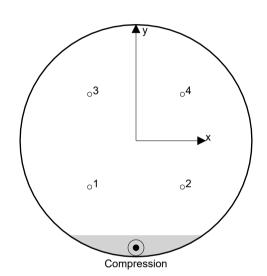
## 2 Load case/Resulting anchor forces

#### Anchor reactions [lb]

Tension force: (+Tension, -Compression)

Anchor	Tension force	Shear force	Shear force x	Shear force y
1	115	0	0	0
2	115	0	0	0
3	333	0	0	0
4	333	0	0	0

max. concrete compressive strain: 0.02 [‰] max. concrete compressive stress: 71 [psi] resulting tension force in (x/y)=(0.000/0.000): resulting compression force in (x/y)=(15.000/1.156): 894 [lb]



2

Anchor forces are calculated based on the assumption of a rigid anchor plate.

#### 3 Tension load

	Load N <sub>ua</sub> [lb]	Capacity <b>P</b> N <sub>n</sub> [lb]	Utilization $\beta_N = N_{ua}/\Phi N_n$	Status
Steel Strength*	333	8,148	5	OK
Pullout Strength*	N/A	N/A	N/A	N/A
Concrete Breakout Failure**	894	4,003	23	OK

<sup>\*</sup> highest loaded anchor \*\*anchor group (anchors in tension)



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#### 3.1 Steel Strength

 $N_{sa}$  = ESR value refer to ICC-ES ER-678  $\phi$   $N_{sa} \ge N_{ua}$  ACI 318-19 Table 17.5.2

#### Variables

#### Calculations

#### Results

N <sub>sa</sub> [lb]	φ <sub>steel</sub>	φ N <sub>sa</sub> [lb]	N <sub>ua</sub> [lb]	
10,864	0.750	8,148	333	

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#### 3.2 Concrete Breakout Failure

 $\mathbf{N}_{\text{cbg}} = \left(\frac{\mathbf{A}_{\text{Nc}}}{\mathbf{A}_{\text{Nc0}}}\right) \ \psi_{\text{ ec,N}} \ \psi_{\text{ed,N}} \ \psi_{\text{c,N}} \ \psi_{\text{cp,N}} \ \mathbf{N}_{\text{b}}$ ACI 318-19 Eq. (17.6.2.1b)  $\phi$   $N_{cbg} \geq N_{ua}$   $A_{Nc} \qquad \text{see ACI 318-19, Section 17.6.2.1, Fig. R 17.6.2.1(b)}$ ACI 318-19 Table 17.5.2

 $A_{Nc0} = 9 h_{ef}^2$ ACI 318-19 Eq. (17.6.2.1.4)

 $\psi_{\text{ec,N}} = \left(\frac{1}{1 + \frac{2 \, \dot{e_N}}{3 \, h_{ef}}}\right) \leq 1.0$ ACI 318-19 Eq. (17.6.2.3.1)

 $\psi_{\text{ ed,N}} ~= 0.7 + 0.3 \left(\frac{c_{a,min}}{1.5 h_{ef}}\right) \leq 1.0 \label{eq:psi_ed}$ ACI 318-19 Eq. (17.6.2.4.1b)

$$\begin{split} \psi_{cp,N} &= \text{MAX} \bigg( \frac{c_{a,\text{min}}}{c_{ac}}, \frac{1.5h_{ef}}{c_{ac}} \bigg) \leq 1.0 \\ N_b &= k_c \ \lambda_a \ \sqrt{f_c} \ h_{ef}^{1.5} \end{split}$$
ACI 318-19 Eq. (17.6.2.6.1b)

ACI 318-19 Eq. (17.6.2.2.1)

#### **Variables**

h <sub>ef</sub> [in.]	e <sub>c1,N</sub> [in.]	e <sub>c2,N</sub> [in.]	c <sub>a,min</sub> [in.]	$\Psi_{c,N}$
2.000	0.000	2.926	12.000	1.000
			,	
c <sub>ac</sub> [in.]	k <sub>c</sub>	λ <sub>a</sub>	f <sub>c</sub> [psi]	
6.000	17	1.000	4,000	

#### Calculations

A <sub>Nc</sub> [in. <sup>2</sup> ]	A <sub>Nc0</sub> [in. <sup>2</sup> ]	$\psi_{\text{ ec1,N}}$	$\psi_{\text{ec2},\text{N}}$	$\psi_{\text{ed},N}$	$\psi_{\text{cp},\text{N}}$	N <sub>b</sub> [lb]
144.00	36.00	1.000	0.506	1.000	1.000	3,041

## Results

N <sub>cbg</sub> [lb]	φ concrete	φ N <sub>cbg</sub> [lb]	N <sub>ua</sub> [lb]	
6,158	0.650	4,003	894	



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 Art Sculpture Pedestal
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 Fastening point:
 1/5/2024

#### 4 Shear load

	Load V <sub>ua</sub> [lb]	Capacity <b>V</b> <sub>n</sub> [lb]	Utilization $\beta_V = V_{ua}/\Phi V_n$	Status
Steel Strength*	N/A	N/A	N/A	N/A
Steel failure (with lever arm)*	N/A	N/A	N/A	N/A
Pryout Strength*	N/A	N/A	N/A	N/A
Concrete edge failure in direction **	N/A	N/A	N/A	N/A

<sup>\*</sup> highest loaded anchor \*\*anchor group (relevant anchors)

#### 5 Warnings

- The anchor design methods in PROFIS Engineering require rigid anchor plates per current regulations (AS 5216:2021, ETAG 001/Annex C, EOTA TR029 etc.). This means load re-distribution on the anchors due to elastic deformations of the anchor plate are not considered the anchor plate is assumed to be sufficiently stiff, in order not to be deformed when subjected to the design loading. PROFIS Engineering calculates the minimum required anchor plate thickness with CBFEM to limit the stress of the anchor plate based on the assumptions explained above. The proof if the rigid anchor plate assumption is valid is not carried out by PROFIS Engineering. Input data and results must be checked for agreement with the existing conditions and for plausibility!
- Condition A applies where the potential concrete failure surfaces are crossed by supplementary reinforcement proportioned to tie the potential concrete failure prism into the structural member. Condition B applies where such supplementary reinforcement is not provided, or where pullout or pryout strength governs.
- · Refer to the manufacturer's product literature for cleaning and installation instructions.
- For additional information about ACI 318 strength design provisions, please go to https://submittals.us.hilti.com/PROFISAnchorDesignGuide/
- Hilti post-installed anchors shall be installed in accordance with the Hilti Manufacturer's Printed Installation Instructions (MPII). Reference ACI 318-19, Section 26.7.

## Fastening meets the design criteria!



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Design: Art Sculpture Pedestal Date:

Fastening point:

6 Installation data

Profile: no profile

Hole diameter in the fixture:  $d_f = 0.562$  in.

Plate thickness (input): 0.250 in.

Recommended plate thickness: not calculated

Drilling method: Hammer drilled

Cleaning: Manual cleaning of the drilled hole according to instructions for use is

required.

Anchor type and diameter: Kwik Bolt 1 - CS 1/2 (2) hnom1

6

1/5/2024

Item number: 2231458 KB1 1/2x3 3/4
Maximum installation torque: 480 in.lb
Hole diameter in the base material: 0.500 in.
Hole depth in the base material: 2.750 in.

Minimum thickness of the base material: 4.000 in.

Hilti KB1 stud anchor with 2.375 in embedment, 1/2 (2) hnom1, Carbon steel, installation per ER-678

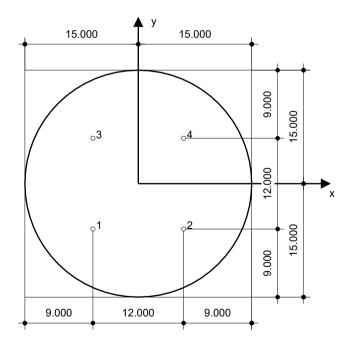
#### 6.1 Recommended accessories

Drilling Cleaning Setting

- Suitable Rotary Hammer
- · Properly sized drill bit

· Manual blow-out pump

- · Torque controlled cordless impact tool
- · Torque wrench
- Hammer



#### Coordinates Anchor [in.]

Anchor	X	у	C <sub>-x</sub>	C+x	C <sub>-y</sub>	C <sub>+y</sub>
1	-6.000	-6.000	12.000	24.000	12.000	431.000
2	6.000	-6.000	24.000	12.000	12.000	431.000
3	-6.000	6.000	12.000	24.000	24.000	419.000
4	6.000	6.000	24.000	12.000	24.000	419.000

Input data and results must be checked for conformity with the existing conditions and for plausibility! PROFIS Engineering ( c ) 2003-2024 Hilti AG, FL-9494 Schaan Hilti is a registered Trademark of Hilti AG, Schaan



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#### 7 Remarks; Your Cooperation Duties

- Any and all information and data contained in the Software concern solely the use of Hilti products and are based on the principles, formulas and security regulations in accordance with Hilti's technical directions and operating, mounting and assembly instructions, etc., that must be strictly complied with by the user. All figures contained therein are average figures, and therefore use-specific tests are to be conducted prior to using the relevant Hilti product. The results of the calculations carried out by means of the Software are based essentially on the data you put in. Therefore, you bear the sole responsibility for the absence of errors, the completeness and the relevance of the data to be put in by you. Moreover, you bear sole responsibility for having the results of the calculation checked and cleared by an expert, particularly with regard to compliance with applicable norms and permits, prior to using them for your specific facility. The Software serves only as an aid to interpret norms and permits without any guarantee as to the absence of errors, the correctness and the relevance of the results or suitability for a specific application.
- You must take all necessary and reasonable steps to prevent or limit damage caused by the Software. In particular, you must arrange for the
  regular backup of programs and data and, if applicable, carry out the updates of the Software offered by Hilti on a regular basis. If you do not use
  the AutoUpdate function of the Software, you must ensure that you are using the current and thus up-to-date version of the Software in each
  case by carrying out manual updates via the Hilti Website. Hilti will not be liable for consequences, such as the recovery of lost or damaged data
  or programs, arising from a culpable breach of duty by you.

# STRUCTURAL NOTES

# **GENERAL NOTES**

GN-1 To the best of our knowledge, the Structural Drawings comply with the applicable requirements of the governing Building Code.

size or location of structural members without written instructions from the Structural Engineer of Record.

GN-2 Construction is to comply with the requirements of the governing Building Code and all other applicable Federal, State, and Local Codes, Standards, Regulations and Laws.

# GENERAL NOTES - CONTRACTOR REQUIREMENTS

- GN-3 Contractor refers to the General Contractor, Construction Manager, or the organization that is assigned to have overall responsibility and supervision of the Project.
- GN-4 The Contractor shall be solely responsible for, and have control over, the means, methods, supervision, techniques, sequences, procedures of construction, quality, and correctness of the work. The Contractor is solely responsible for jobsite safety including all OSHA requirements.
- GN-5 The Contractor shall coordinate all Contract Documents with field conditions and dimensions and Project Shop Drawings prior to construction. Do not scale drawings; use only printed dimensions. Report any discrepancies in writing to the Architect prior to proceeding with work. Do not change
- GN-6 Contractors who discover discrepancies, omissions or variations in the Contract Documents during bidding shall immediately notify the Architect. The Architect will resolve the condition and issue a written clarification.
- GN-7 The Contractor shall protect adjacent property, his own work and the public from harm. The Contractor is advised to document the condition of adjacent property with a photographic survey and other documentation, including crack monitoring, prior to and during construction.
- GN-8 The Structure is designed to be structurally sound when completed. The Contractor shall not overload the structure during construction. Prior to completion, the Contractor is responsible for stability and temporary bracing, including, but not limited to, masonry walls. Wherever the Contractor is unsure of these requirements, the Contractor shall retain a Florida Licensed Engineer to design and inspect the temporary bracing and stability of the structure.

## GN-9 Design Wind Loads:

Governing Code
Building Risk Category
II
Ultimate Wind Speed
Allowable Stress Design Wind Speed
Mean Height
Directionality Factor
Gust-Effect Factor
Exposure

FBC 8th Edition (2023) / ASCE 7-22
II
Vult = 170 mph
Vasd = 132 mph
10 feet
Get
C

# SHALLOW FOUNDATIONS

- SF-1 Foundation design, soil preparation and replacement are based on Geotechnical Investigation, Data and Recommendations in Report #18027 by NV5 dated January 30, 2023.
- SF-2 Footing sizes and reinforcing are based on an allowable soil bearing capacity of 2000 psf on compacted soil per Licensed Soils Engineer in accordance with the Geotechnical Report.

# REINFORCED CONCRETE

- RC-1 Comply with ACI 301 and 318
- RC-2 Provide structural concrete with a minimum ultimate compressive design strength in 28 days as follows:

Element Strength

- RC-3 Use normal weight concrete for all structural members. u.o.n.
- RC-4 Provide ASTM A615 Grade 60 reinforcing steel. Reinforcing shall be accurately placed, rigidly supported and firmly tied in place, with appropriate bar supports and spacers. Lap continuous reinforcing 48 bar dia. Provide cover over reinforcing as follows:

<u>Element</u>

- ement Bottom Top Sides otings 3" 2" 3"
- RC-5 Provide A706 reinforcing steel when the rebar is to be welded. Do not weld A615 bars.
- RC-6 Deformed Bar Anchor (DBA) shall conform to ASTM A496 with a minimum yield strength of 70,000 PSI. Reinforcing bars, A615 or A706, is not an acceptable substitution for DBA's.
- RC-7 Provide galvanized reinforcement in areas exposed to the environment, such as balconies, or as indicated on the drawings.
- RC-8 Where specified, provide plain, cold-drawn electrically-welded wire reinforcement conforming to ASTM A185. Supply in flat sheets only. Lap splice two cross wire spacings.
- RC-9 Utilities shall not penetrate beams or columns but may pass through slabs and walls individually, u.o.n. For openings 24" long or less, cut reinforcing and replace alongside opening with splice bars of equivalent area with 48 bar dia. lap. Prepare and submit shop drawings for openings longer than 24". For rectangular openings 12" long or longer, add 1#5 x 6' mid depth diagonal at all 4 corners.
- RC-10 Where reinforcing steel congestion permits, conduit and pipes up to 1" diameter may be embedded in concrete per ACI 318, Section 20.6. Space at 3 diameters o.c. Place in the middle third of the slab depth. If conduits are significantly congested, additional reinforcing perpendicular to piping may be required. Requests to embed larger pipes should be accompanied by a detailed description and be submitted to the architect for evaluation. Aluminum conduits shall not be placed in concrete.
- RC-11Provide construction joints in accordance with ACI 318, Section 26.5.6. Provide keyways and adequate dowels. Submit drawings showing location of construction joints and direction of pour for review.

# RC-12Provide 3/4" chamfer for all exposed corners.

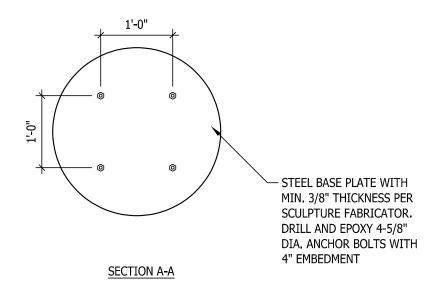
RC-13Provide reinforcing steel installer with a set of Structural Drawings for field reference. Inspect reinforcing steel placing from structural drawings.

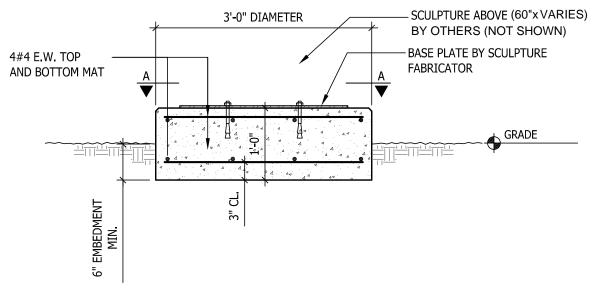
# POST-INSTALLED ANCHORS - GENERAL

- AN-1 Substitution requests will be considered for products having an ICC-ES report recognizing the product for the appropriate application. Substitute concrete anchors must be approved for use in cracked concrete. Substitution requests shall include signed and sealed calculations prepared by a Florida Licensed Engineer who demonstrates that substituted product is capable of achieving the equivalent performance values of the design basis product.
- AN-2 Confirm the absence of reinforcing steel by drilling a 1/4" diameter pilot hole for each anchor in non-post-tension applications. For post-tensioned slabs, confirm the absence of reinforcing steel by nondestructive testing prior to drilling holes. Do not cut reinforcing steel without approval of the Structural Engineer.
- AN-3 Install in accordance with manufacturer's printed installation instructions (MPII) (ACI 314-19, 26.7.2). Refer to MPII for appropriate drill size. Clean hole and remove dust.
- AN-4 Anchors listed below may not be used to substitute the specified anchors in a product's Notice of Acceptance (NOA) or Florida Product Approval.
- AN-5 Anchors shall be installed in concrete having a minimum age of 21-days at time of anchor installation (ACI 318-19, 26.7.2(f))

# POST-INSTALLED ANCHORS - MECHANICAL ANCHORS

- AN-6 For anchoring into concrete: Wedge-Type Mechanical anchors shall have been tested and qualified for use in accordance with ACI 355.2 and ICC-ES AC193. Pre-approved anchors include Hilti Kwik Bolt TZ, DeWalt Power-Stud+SD1, and Simpson Strong-Bolt 2.
- POST-INSTALLED ANCHORS ADHESIVE ANCHORS
- AN-7 Install adhesive anchors in accordance with manufacturer's requirements for concrete age, temperature, moisture condition, acceptable drilling methods, and hole preparation in conformance with ACI 318-19, 26.7.1(i).
- AN-8 For anchoring into concrete: Adhesive anchors shall have been tested and qualified for use in accordance with ACI 355.4 and ICC-ES AC308. Pre-approved standard cure time adhesives include Hilti RE500v3, DeWalt Pure 110+, and Simpson Set-XP.







WELL COMPACTED SUBGRADE.



AA# 26001212
2417 Hollywood Blvd.
Hollywood Florida 33020
954.920.5746

joseph@kallerarchitects.com www.kallerarchitects.com

SSOS4

PHASE III
6028 JOHNSON S

CAL DETAILS

REVISIONS

No. DATE DESCRIPTION

No. DATE DESCRIPTION

1 04.21.23 REVISION

2 07.11.23 REVISION

REVISION

Architect and shall remain the property of the Architect and shall not be reproduced, published or used in any way without the

PROJECT No.: 22180
DATE: 01.05.24
DRAWN BY: K.R
CHECKED BY: G.L

SHEET

permission of the Architect.

S-00A

RMIT SET 01-05-2024

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BLISS & NYITRAY, INC.
STRUCTURAL ENGINEERS

Certificate of Authorization No. CA 674

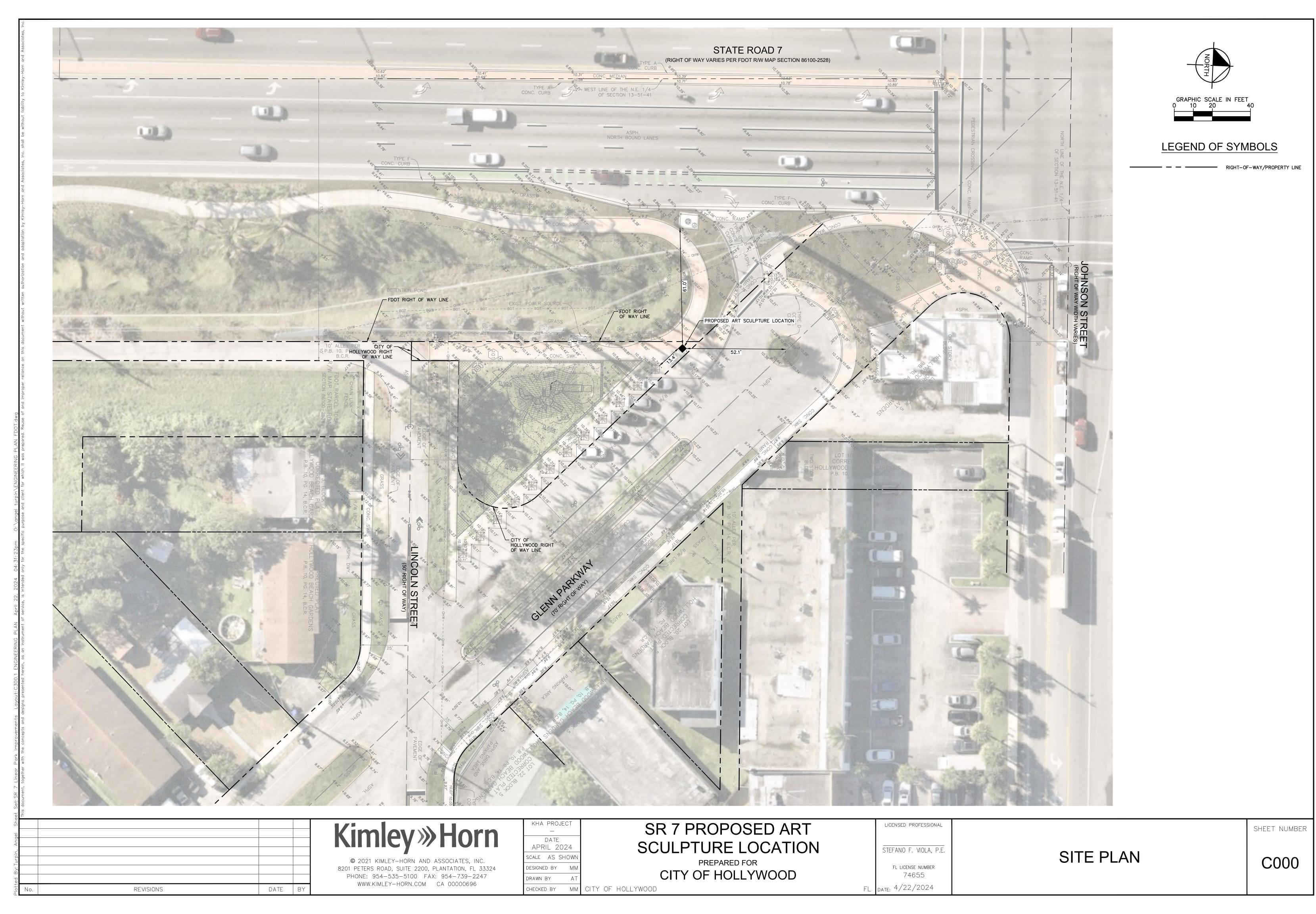
5835 Blue Lagoon Drive, Suite 400

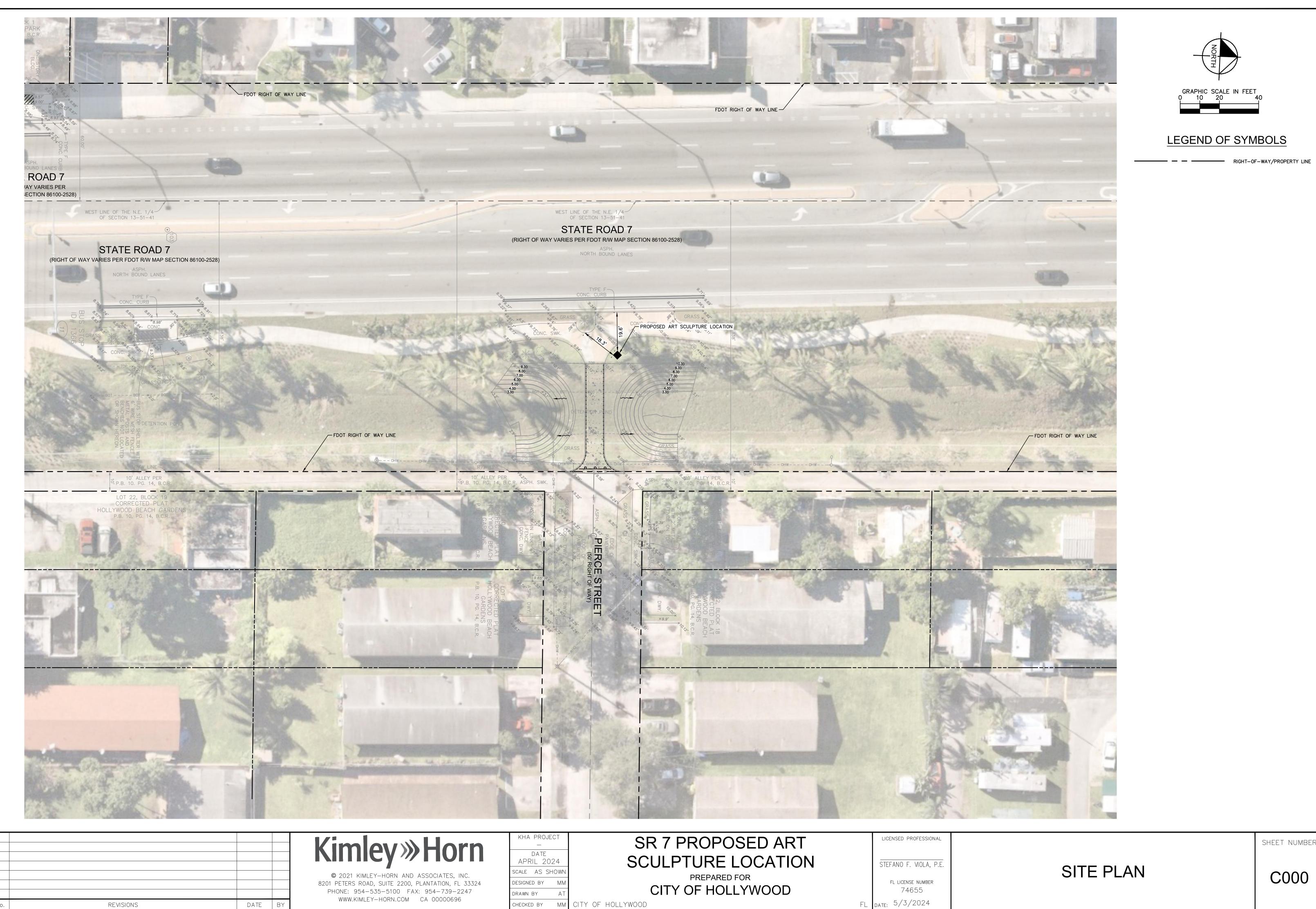
Miami, Florida 33126

Tel. (305) 442-7086 Fax (305) 442-7092 www.bniengineers.com

Gabriel Leitz, P.E. S.E. Fla. Reg. No. 81348

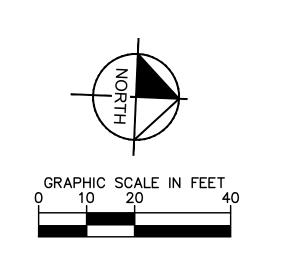
TO THE BEST OF MY KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES.





LEGEND OF SYMBOLS





LEGEND OF SYMBOLS

DATE BY

REVISIONS

© 2021 KIMLEY—HORN AND ASSOCIATES, INC. 8201 PETERS ROAD, SUITE 2200, PLANTATION, FL 33324 PHONE: 954-535-5100 FAX: 954-739-2247

WWW.KIMLEY-HORN.COM CA 00000696

DATE APRIL 2024 DESIGNED BY

SR 7 PROPOSED ART SCULPTURE LOCATION

PREPARED FOR CITY OF HOLLYWOOD STEFANO F. VIOLA, P.E. FL LICENSE NUMBER

74655

FL DATE: 5/3/2024

SITE PLAN

SHEET NUMBER

C000



# **City of Hollywood**

Hollywood City Hall 2600 Hollywood Blvd Hollywood, FL 33020 http://www.hollywoodfl.org

# **Staff Summary**

File Number: 2. 2025\_0227

**Agenda Date:** 2/27/2025

To: Public Art Review Committee

Title: FILE NO.: 24-PA-98

APPLICANT: Pinnacle

LOCATION: 820-890 N State Rd 7

REQUEST: Evaluation of public sculpture design for one art

piece in an existing mixed-use development (Joy Through Music)

City of Hollywood Page 1



### The Public Art Review Committee Submittal Checklist

#### QUICK FACTS:

- No applications are automatically scheduled for ANY meetings.
   Applications must be determined to be complete by Staff before any processing occurs.
- Fees Apply to: Projects that are 20,0000 gross square feet or more and is not within an industrial or single family zone.
- New commercial.Remodeling or reconstruction of
- existing commercial property.

  New residential development of two or more units built in the same tract by the same owner or developer.
- □ Voluntary Artwork Program: Allows preexisting development projects to propose installing artwork in public spaces, except for single family homes.
  - Fees are based on a percentage of the building cost and shall be pay prior to the issuance of Building Permits.
- Fee Schedule:
- In lieu Public Art Fee: A fee of 1% of the cost of the proposed development project, with a minimum payment of \$5,000.00.
- Placement of Artwork on Site:
  Artwork placement on the site of the development project, with a minimum value of 1% of the cost of the proposed development project, which shall not be less than \$5,000.00.
- Combination of In Iieu Public Art Fee and Placement of Artwork on Site:
  Artwork placement on the site of the development project when valued and combined with a payment of a public art fee, totals 1% of the cost of the proposed development project, which shall not be less than \$5,000.00
- Meeting Dates: As necessary. Applications shall be considered at the first PRAC meeting that is more than (30) days fallowing staff s determination that the application is completed.

# <u>Provide one digital package in PDF</u> (unless otherwise specified) containing the items below:

(Incomplete applications will not be routed and will be postponed until all required components are

### SUBMITAL REQUIREMENTS:

- 1.Complete a General Application Form
- 2.An artist resume or CV, Examples of artist's previous work.
- 3.(i) An artist concept statement, (A narrative indicating the nature and meaning of the propose work) and;
- 4.(ii) <u>Drawings:</u> Cover Sheet with Location Map, one render, (plans and elevation) shall be to scale and fully dimensioned; illustrate property lines, rights-of-way, internal streets, sidewalks, overhead utility lines (if artwork is three dimensional), and parking areas immediately surrounding the intended location of the artwork, a site plan with indicate the setting and location, design, media and materials, methods of construction, and methods of application, securing, or fastening of the artwork and;
- 5.(iii) A detailed <u>description and evidence</u> demonstrating that the proposed artwork is weatherproof and will withstand environmental conditions in the location where it is to be installed and:
- n/a
  6.(v) Public art easement agreement. A new artwork easement shall be registered on the title of the private property in favor of the City. The artwork easement shall be submitted in the form provided by the City Attorney's Office and;
- 7.(iv) Schedule of Completion outlining the schedule of work that includes the proposed date of completion and:
- 8.(vii) An appraisal and evidence of the value of the proposed artwork (contract draft showing contract value and payment schedule will be sufficient) and;
- 9.(viii) A narrative statement of the artwork to be displayed in a public place and;
- 10.(ix) Maintenance plan (including frequency and anticipated costs of maintenance and description of materials), statement indicating the property owner's willingness to maintain compliance with Article 3, § 3.22, proposed Section J, 3(j) & (k)
- 11.Applicants shall reach out a member of the public or a local civic organization within the neighborhood where the artwork is proposed. https://www.hollywoodfl.org/204/Neighborhood-Association-Contact-List

### VOLUNTEER ART PROGRAM AFFILIATION REQUIREMENTS (in addition to above items except 6)

### Applicability:

- 1. Exempt projects Statement (s) (All completed and submitted building permit applications for development projects that have been accepted by the City within 30 days of December 6th will be exempt from the requirements of this Ordinance, and as of January 5th will be subject contributing art)
- 2. Criteria Statement (s) for each request indicating the consistency with all applicable criteria found in Section 3.22 Article 3 of the Zoning and Land Development Regulations entitled "standards for the painting and color of exterior surfaces of buildings and structures."
- Public art easement agreement (Simple). Shall be registered on the title of the private property in favor of the City. The artwork easement shall be submitted in the form provided by the City Attomey's Office

Please refer to Section 3.22 Article 3 of the City of Hollywood's Zoning and Land Development Regulations for a detailed description of each item listed above or visit our website at <a href="https://www.hollywoodfl.org">www.hollywoodfl.org</a>

2600 Hollywood Boulevard, Room 315 · P.O. Box 229045 · Hollywood, FL 33022-9045 Phone (954) 921-3471 · Fax (954) 921-3347 · Email planningdivision@hollywoodfl.org



# **GENERAL APPLICATION**

APPLICATION DATE:								
<b>2600 Hollywood Blvd</b> Room 315 Hollywood, FL 33022		APPLICATION TYPE (CHECK ALI Technical Advisory Committee Planning and Development Board City Commission	THAT APPLIES):  ✓ Art in Public Places Committee					
Tel: (954) 921-3471		PROPERTY INFORMATION						
Email: Development@ Hollywoodfl.org		Location Address: 6028 Johnson Street, Hollywood FL. 33024						
		Lot(s): 11 Block(s): 2 Subdivision: Pine Ridge Estates						
SUBMISSION REQUIREMENTS:		Folio Number(s): 5141 13 04 0080						
One set of signed &								
	sealed plans (i.e. Architect or Engineer) One electronic combined PDF submission (max. 25mb)	Zoning Classification: Central Johnson Street Dig Land Use Classification: Transit Oriented Corridor						
		Existing Property Use: Multiple Family Residential Sq Ft/Number of Units: 72,596sqft / 100 units						
•		Is the request the result of a violation notice? Tes In No If yes, attach a copy of violation.						
		Has this property been presented to the City before? If yes, check al that apply and provide File Number(s) and Resolution(s): N/A						
•	Completed Application Checklist	Number(s) and Resolution(s). No.						
	DEVELOPMENT PROPOSAL							
	Application fee	Explanation of Request: Art Installation "Joy Through Music"						
NOTE:		Phased Project: Yes No V Number of Phases:  Project Proposal						
		Units/rooms (# of units)	# UNITS: 100 #Rooms					
		Proposed Non-Residential Uses	0   S.F.)					
•	This application must be <u>completed in full</u> and submitted with all documents to be placed on a Board or Committee's agenda.	Open Space (% and SQ.FT.)	Required %: 25% (Area: S.F.)					
		Parking (# of spaces)	PARK. SPACES: (# 110 )					
		Height (# of stories)	(# STORIES) 8 ( 0 FT.)					
		Gross Floor Area (SQ. FT)	Gross Area ( 83733 FT.)					
•	The applicant is responsible for obtaining the appropriate checklist for each type of application.		( ,					
		Name of Current Property Owner: PINNACLE 441 PHASE 2 LLC						
		Address of Property Owner: 9100 S DADELAND BLVD #700 MIAMI, FL 33156  Telephone: (305) 854-7100 Email Address: GGabriel@PinnacleHousing.com						
•	Applicant(s) or their authorized legal agent <u>must</u> be present at all Board or Committee	Email Address. Ocabiel@: Imagerousing.com						
		Applicant PINNACLE 441 PHASE 2 LLC Consultant Representative Tenant						
		Address: 9100 S DADELAND BLVD #700 MIAMI, FL 33156 Telephone: (305) 854-7100						
		Email Address: GGabriel@PinnacleHousing.com						
CLICK HERE FOR		Email Address #2: TWheat@PinnacleHousing.com						
		Date of Purchase: N/A						
		If Yes, Attach Copy of the Contract.						
The second second	RMS, CHECKLISTS, &	Noticing Agent (FTAC & Board submissions only) :						
THE RESERVE	ETING DATES	E-mail Address:						



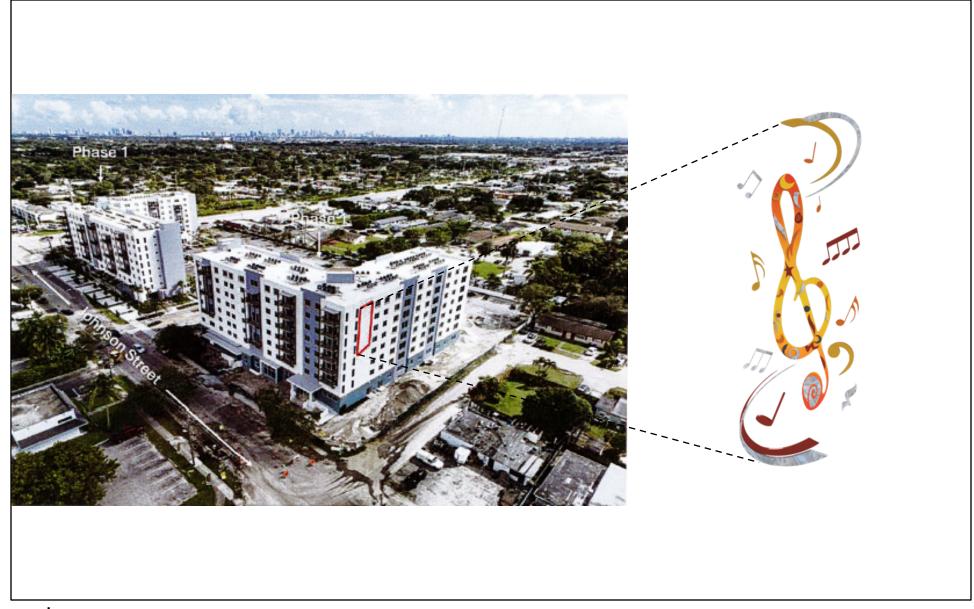
## **GENERAL APPLICATION**

### **CERTIFICATION OF COMPLIANCE WITH APPLICABLE REGULATIONS**

The applicant/owner(s) signature certifies that he/she has been made aware of the criteria, regulations and guidelines applicable to the request. This information can be obtained in Room 315 of City Hall or on our website at <a href="www.hollywoodfl.org">www.hollywoodfl.org</a>. The owner(s) further certifies that when required by applicable law, including but not limited to the City's Zoning and Land Development Regulations, they will post the site with a sign provided by the Office of Planning and Development Services. The owner(s) will photograph the sign the day of posting and submit photographs to the Office of Planning and Development Services as required by applicable law. Failure to post the sign will result in violation of State and Municipal Notification Requirements and Laws.

(I)(We) certify that (I) (we) understand and will comply with the provisions and regulations of the City's Zoning and Land Development Regulations, Design Guidelines, Design Guidelines for Historic Properties and City's Comprehensive Plan as they apply to this project. (I)(We) further certify that the above statements and drawings made on any paper or plans submitted herewith are true to the best of (my)(our) knowledge. (I)(We) understand that the application and attachments become part of the official public records of the City and are not returnable.

Signature of Current Owner: 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Date: 1/17/2025
PRINT NAME: DAVID O. DEUTCH, PRESIDENT	Date: 1/17/2025
Signature of Consultant/Representative:	Date:
PRINT NAME:	Date:
Signature of Tenant:	Date:
PRINT NAME:	Date:
Lam the current owner of the described real property and that I am aware to my property, which is hereby to be my legal representative before the Committee) relative to all matters concerning this application.	made by me or I am hereby authorizing(Board and/or
Sworn to and subscribed before me this 17th day of January 2025	Signature of Current Owner
NORMA A SANTANA Notary Public State of Florida  NORMA A SANTANA MY COMMISSION # HH 495959 EXPIRES: June 22, 2028	DAVID O. DEUTCH Print Name
My Commission Expires:(Check One) Personally known to me; OR	Produced Identification



### Legend

---- Streets

Subject Property

Land Use - TOC

Zoning - C-JS

### 1. Complete a general application form

Application is attached

2. An artist resume or CU, Examples of artist's previous work.

See attachment 1 – artist's resume

#### 3. An artist concept statement.

The concept for the Pinnacle 441 is "Joy Through Music". Music is known to stimulate the brain and to release happy hormones that promote joy. I propose to create is 36' tall by 14' wide sculptural installation on the building at pinnacle 441 phase 2. The largest figure in the sculpture is a treble clef which is 22' tall and 6' wide and is surrounded by a harmony of musical symbols. The color selection is warm colors of reds, oranges and yellows with touches of silver. This complements the "Joy" sculpture that is located on the premise. These vibrant colors were selected to invoke feelings of the Florida sunshine. Music has the ability to unite people, and I hope this "Joy Through Music" sculpture will do just that for the residents and visitors of the City of Hollywood

4. (ii) Drawings: cover sheet with location map, one render, (plans and elevation) shall be to scale and fully dimensioned; illustrate property lines, rights-of-way, internal streets, sidewalks, overhead utility lines (if artwork is three dimensional), and parking areas immediately surrounding the intended location of the artwork, a site plan with indicate the setting and location, design, media and materials, methods of construction, and methods of application, securing, or fastening of the artwork and;

See attachment 2

5. (iii) A detailed description and evidence demonstrating that the proposed artwork is weatherproof and will withstand environmental conditions in the location where it is to be installed and;

The sculptures are made using marine-grade aluminum, ensuring strength and durability by welding every component. The process begins with an epoxy primer as the first coat to prepare the surface, followed by a layer of Dupont colors to achieve a vibrant, striking finish. To protect the colors and ensure their longevity, four coats of DuPont clear coat with UV protection are applied. Over the past 20 years, this method has been thoroughly tested, consistently proving that the sculptures retain their brilliance and withstand the test of time.

### 6. (v) Public art easement agreement

The Joy Through music will be mounted on a privately owned building's façade. An art easement agreement is not applicable.

7. Schedule of Completion

	Submit	Арр	Art	Art	Art in	Art				
	Application	Review	Committee	Approval	Production	Installation				
		19 9 9	Meeting							
	1/6/2025	Jan-Feb 2025	March	March	Apr-Sept	Sept 2025				
			2025	2025	2025	1-Week				

- 8. (vii) An appraisal and evidence of the value of the proposed artwork (contract draft showing contract value and payment schedule will be sufficient) and;
  The Joy Through Music is a volunteer contribution from the Pinnacle Art Collection. Therefore, it is
  - The Joy Through Music is a volunteer contribution from the Pinnacle Art Collection. Therefore, it is not required to provide appraisal or evidence of value.
- 9. (viii) A narrative statement of the artwork to be displayed in a public place. The Joy Through Music will be displayed in a public place, street facing on Johnson Street and N 61<sup>st</sup> Avenue mounted on the west facade of Pinnacle 441, phase 2, upper left corner of the wall; more specifically as noted by the red rectangle shape on the building facade.
- 10. (lx) Maintenance Plan

A maintenance plan is not required for this voluntary art installation; however, Pinnacle is responsible for and will maintain the Joy Through Music per artist specification.

11. Applicants shall reach out a member of the public or a local civic organization within the neighborhood where the artwork is proposed.

Joy through Music is a voluntary art installation and outreach to members of the public or a local civic organization within the neighborhood is not applicable.



Attachment 1 Artist Resume
(Next Page)



Clayton Swartz Swartz Gallery 5609 Park Blvd Pinellas Park, FL 33781

art@claytonswartz.com

727-421-0553

#### Resume

### Selected Public, Private, Corporate Collections and Commissions

- "Joy" Pinnacle 441 for Pinnacle Housing Group Hollywood, Florida 2024
- "Paradise in the Preserve" Town Hollywood for Related Group and RD Sterling LLC, Hollywood, FL 2024
- "Vitality" and Festival" Downtown Sannford, City of Sandford, Sandford, FL 2023
- "Family of Hearts" Community Center Plantation for the City of Plantation, Plantation, FL 2023

Seawatch on the Beach Hilton Grand, Ft. Myers Beach, FL 2023

- "Jumping in the Sun" Abstract Large scale Sculpture, Private Residence, Treasure Island, FL 2022
- "Ocean Gates" Abstract Gates Private Residence Treasure Island, FL 2022
- "All Hearts United" Large Scale Sculpture for Brooker Memorial, Torrington, CT 2022
- "Ascending Heart" Sculpture for Orange Grove Elementary School, Seminole, FL 2022
- "Two Friends of Music" Large Scale Sculpture for Ruth Eckerd Hall, Clearwater, Florida, 2021
- "Mahi and Anchor" Large Scale Sculpture, JE Marina, Coral Gables, FL 2021
- "Rachel's Heart" sculpture for West Florida Dance Company, Largo, FL 2021
- "Breaking Waves" Large Scale Sculpture for Plymouth Harbor, Sarasota, FL 2021
- "Fortitude" Wall sculpture for the City of Dunedin Fire Station, Dunedin, FL, 2021.
- "Tunnel Vision" Sculpture for Pinnacles' Hammock Place, Lynn Haven, FL, 2021.
- "Fluid" Large scale hanging sculpture for SimuTech Group, Rochester, NY, 2020

- "Set Sail" "Ascending Heart" and "Pair of Hearts" sculptures for Pinnacle Housing Group at Peace Field. Hollywood, FL 2020
- "Tranquility" Sculpture for the City of Deerfield Beach, Deerfield Beach, FL 2020
- "Heart of the Community" Large scale sculpture for the City of Largo, Largo, FL, 2020
- "Faith, Hope and Love" Large scale sculpture for Compass Entertainment Complex Irvington, VA, 2020
- "Silverware" Large scale sculpture for The Office Café Irvington, VA, 2020
- "# Brady Strong" sculpture for the City of Safety Harbor, Safety Harbor, FL 2019
- "Moons of the Galaxy" Large scale sculpture for the City of Bonita Springs, Bonita Springs, FL 2019
- "Sea Turtle Under the Sea" Wall sculpture for Sunset Vistas, Treasure Island, FL 2019
- "Colossal Sea Horse" Large scale sculpture at Crabby's Dockside Restaurant for Clearwater Beach Seafood Group, Clearwater Beach, FL, 2018
- "Family of Hearts" Large scale sculpture at Doyle Park for Belleair Community Foundation, Belleair, FL 2018
- "Humanity at Work Bus Shelter" Refurbished Bus Shelter with garbage can, and bike rack. City of Dunedin and Bay Care Health, Dunedin, FL 2017
- "Soaring Heart" Sculpture at Oakland Preserve for Pinnacle Housing Development, Oakland Park, FL 2017
- "Renewable Energy" 6 sculptural benches with built in charging stations. Art in State Building Project. Emergent Technologies Building at Florida Gulf Coast University, Ft. Myers, FL 2016.
- "Ascension" Large scale sculpture at Victoria Place, JMC Design Development Dunedin, FL 2016
- "Sea Life Coral Reef Scene" Assortment of wall sculptures for 400 Beach restaurant, Saint Petersburg, FL 2016
- "Match Made in Heaven" Large scale sculpture at Redington Towers, Redington Shores, FL, 2016
- "Bodies in Motion" sculpture at Gibson Plaza for Pinnacle Housing Development, Coconut Grove, FL 2016
- "Ocean Waves" 10 Large Scale wall sculptures at Tarpon River Development for Pinnacle Housing Group and DM Art Enterprises, Ft. Lauderdale, FL 2015
- "Skyward Sculpture" Art in State Buildings, Florida Gulf Coast University, Ft. Myers, FL 2015
- "Jungle Coral" Interactive sculpture at Marriott Ocean Pointe Hotel, West Palm Beach, FL 2015
- "Rebirth" Large Scale Sculpture for the Barrymore Hotel, Tampa, FL 2014
- "Butterflies" Large scale, wall sculptures at The Amistad for Pinnacle Housing Miami, FL 2014
- "Artist Palette" Sculpture located at Objects Gallery for Omni Design Group, Irvington, VA 2014
- "Reaching for the Planets" sculpture at Mimms Corp., Lakeland, FL, 2014

"Summer in the Park" Bus shelter with solar lighting panel, garbage can, bike rack and bench, Richmond Group and Pinellas Sun Coast Transit Authority PSTA, Epic Apartments, Pinellas Park, FL 2014

"Lois" Large scale sculpture at Harrison School for the Arts, Lakeland, FL 2014

"Love Thy Neighbor" Pinnacle Housing Development and Housing Authority Ft Myers, FL 2014.

"Jumping Mahi" sculpture at Marriott Ocean Pointe Hotel, West Palm Beach, FL 2014

"Wawa Bird" sculpture for Wawa, Castleberry, FL 2013

"Ascending Heights" sculpture for Pinnacle Housing Development, TX 2013

"Movement-Tools of the Trade" Large scale kinetic sculpture for Private Collector in Johnson City, TN 2012

"Under the Sea" 12 wall sculptures installation Children's outdoor area at All Children's Hospital, St. Petersburg, FL 2012

"Genesis" Large scale sculpture at The Kings Terrace Housing Development for Pinnacle Group and DM Art Enterprise, Opa-Locka, FL 2012

"Sea Life Installation" Assortment of 20 sculptures for 400 Beach Restaurant, St. Petersburg, FL

"Revolution" Sculpture for Oak Ridge Estates Housing Development for Pinnacle Development Group and DM Art Enterprises in Tarpon Spring, FL 2011

"Heart of Pinellas" Large scale sculpture located at Pinellas Park Library, City of Pinellas Park, Pinellas Park, FL 2008

### **Grants and Awards**

"Triangular" People's Choice Award Inspiration Way Exhibit City of Tamarac, Tamarac, FL 2020

Pinellas County Professional Artist Grant, 2018

Art in State Buildings Recipient Florida Gulf Coast University, 2016

Art in State Buildings Recipient Florida Gulf Coast University, 2015

First Place Art Loud Sculpture Competition, Tampa, FL, 2012

### **Education and Experience**

BFA, University of South Florida, Sculpture and Painting, 1999

AA, Saint Petersburg Junior College, 1996

Full time Metal Sculptor and Painter in Pinellas Park, Florida Studio since 2004

Owner of Swartz Gallery in Pinellas Park, Florida since 2015

Attachment 2 Drawings

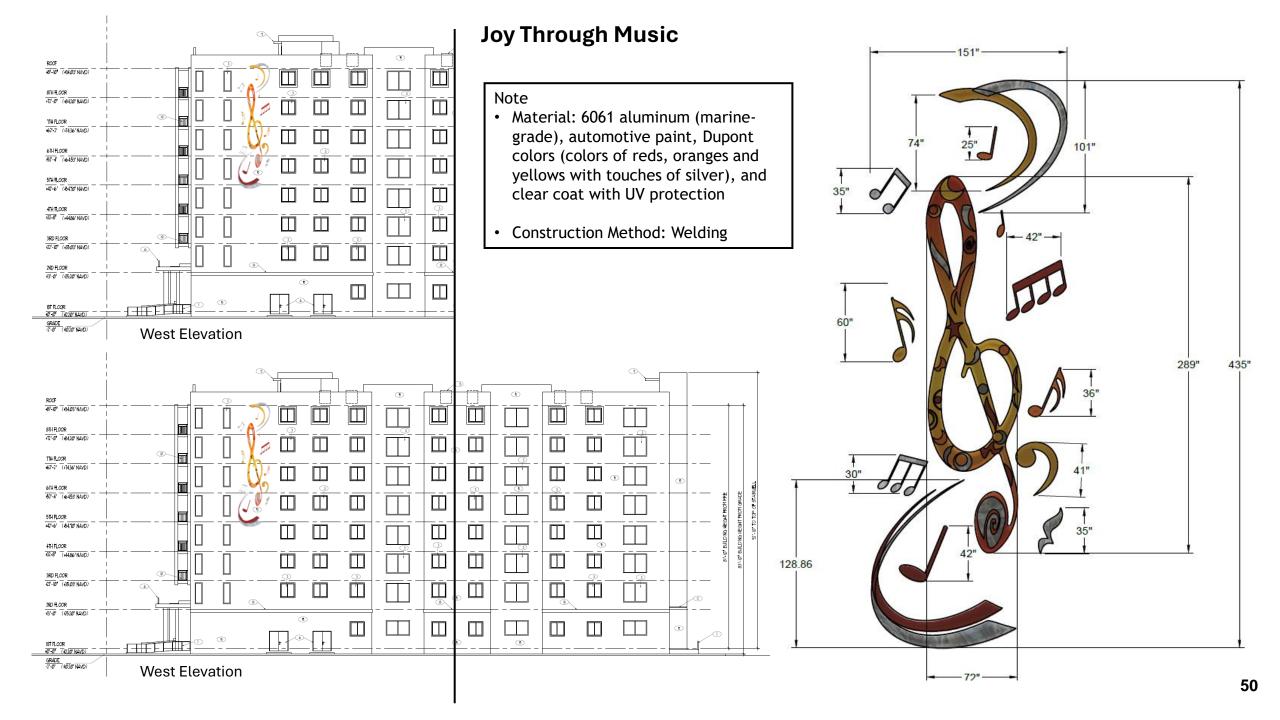
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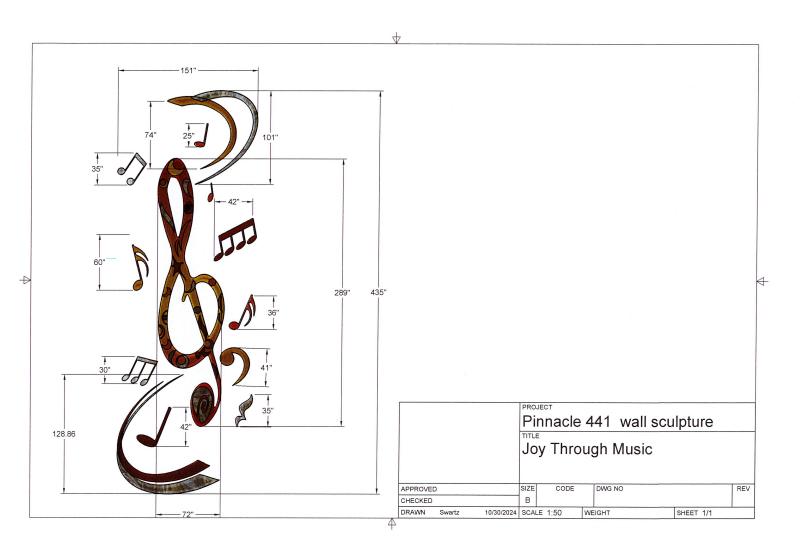
## Pinnacle 441 Project Location



Joy Through Music Façade Installation Location







Material - 6061 Aluminum and automotive paint and clear coat Construction metrhod - All welded









