



The City of  
**OKLAHOMA CITY**

**Staff Only:**

Date Stamp

Zoning: HP or HL

District: MP

HPCA- 23-00012

Received by: aug

1/27/23

# APPLICATION FOR CERTIFICATE OF APPROPRIATENESS

NOTE: any relevant permits must be applied for and paid for separately in the Development Services Dept.

NOTE: Contact Historic Preservation Staff for final design inspection when work is complete.

Please select: ☐ New Project ☒ Revision ☐ Extension ☐ Violation Notice Issued

Location of Proposed Work (Address): 806 NW 16th St., Oklahoma City, OK 73106

Legal Description of Property (lot, block, addition): HARNDALE ADDITION 000 000 LOT 86 & W10FT LOT 87

Year built: 1920 Exterior wall material: Masonry and siding Floor area: 3,107 sq.ft.

Itemized Work Items (List EACH ITEM proposed. Work not listed here will NOT be reviewed):

☐ New Construction ☐ Addition ☐ Fence ☐ Demolition (specify structure) \_\_\_\_\_

☒ Paving (specify) New driveway ☐ Renovation (specify) \_\_\_\_\_

☒ Work not specified above \_\_\_\_\_

Proposed work is to include a new outdoor deck, outdoor shower, and a swimming pool

## Owner's Authorization

I hereby certify that all above statements and statements contained in all attached and transmitted exhibits are true to the best of my knowledge and belief. In the event this proposal is approved and begun, I agree to complete the changes in accordance with approved plans in a good and workmanlike manner. I authorize the City of Oklahoma City to enter the property for the purpose of observing and photographing the project for presentations and to ensure consistency between the approved proposal and the completed project.

☐ (If applicable): I authorize my representative to speak for me in matters regarding this application. Any agreement made by my representative regarding this proposal will be binding upon me.

Owner's Signature

Name (printed)

Address

City, State, Zip

I prefer to be:

Representative Signature

Name (printed)

Address

City, State, Zip

I prefer to be:

Contact: ☐ Owner ☒ Representative

Date 01.24.2023

Organization Homeowner

Phone 405.458.0715

Email David.Howald@flywheelenergy.com

Date 01.24.2023

Organization AMMP Studio, llc

Phone 405.532.8080

Email mike@ammpstudio.org

Is Federal money, a federal license or a federal permit included/required for any part of this project? Yes / No

If yes, what Federal agency? No

Is the property owner pursuing the Federal Tax Credits for Rehabilitation of income producing historic properties? Yes / No (For questions concerning the federal tax credit program, telephone the State Historic Preservation Office at (405) 522-4479).

NOTE: Specific deadlines apply to submission of additional documentation or requests for appeals. Should your project be continued or denied, you are responsible for compliance with those deadlines.



## Scope of Work

Howald Home  
806 NW 16<sup>th</sup> St.  
Oklahoma City, OK  
73106  
01.25.2023

1. Construct a new elevated deck with an outdoor kitchen.
  - a. The deck is to be constructed of 2x wood lumber, species to be cedar or douglas fir, and elevated approximately 2'-0" above the existing grade. The decking material is to be a thermoplastic composite lumber, trex or equal. The exposed wood is to be painted white. There is to be a 3'-0" gaurdrail around the perimeter of the deck. The opening between the balusters is to be infilled with a wire mesh product, Jakob Webnet or equal.
    - i. The location of the existing condenser and overhead electrical entrance is to be located adjacent to the deck.
  - b. The outdoor kitchen will include an area for a grill, smoker, mini-fridge, and outdoor sink.
  - c. The pergola structure is to be constructed with wood lumber, species to be cedar or douglas fir. The structure is to be painted white. The pergola is to be provided with a retractable roman shading device. The material of the shading device is to be a mesh fabric. The pergola will support post-mounted fans for circulation and an overhead radiant heater.
2. Construct a new inground pool and hot tub.
  - a. Pool is to be constructed by a licensed pool contractor. The pool is to include a waterslide and elevated structure on the southeast corner of the property. Next to the waterslide structure is to be a 10'-0" tall trellis for the length of the pool. A landscaping bed will be planted at the base of the trellis to allow an ivy to grow along the mesh to create a living privacy wall.
  - b. The pool deck is to be a concrete apron and covered with artificial turf grass or concrete pavers.
  - c. The hot tub is to be near the northeast corner of the pool.
3. Provide an outdoor shower on the east side of the home and adjacent to the existing play structure.
  - a. Outdoor shower is to be constructed with wood lumber, cedar or douglas fir.



4. Replace the existing driveway with a new concrete approach.
  - a. The existing concrete driveway is cracked and failing in several locations. The full length of the driveway is intended to be replaced from the existing sidewalk to the garage with new concrete.
  - b. A portion of the driveway, near the portico chere, is to be concrete pavers and mexican beach pebble.
5. New gutters and downspouts are to be provided along the roof perimeter to control water runoff.
6. A new natural gas generator is to be installed on the east side of the home.

Mike Patterson, AIA  
Principal Architect





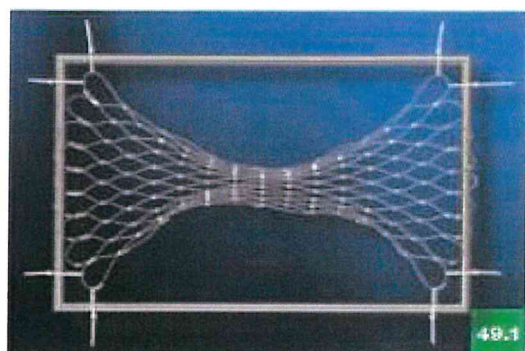


**Jakob**<sup>®</sup> INOX LINE

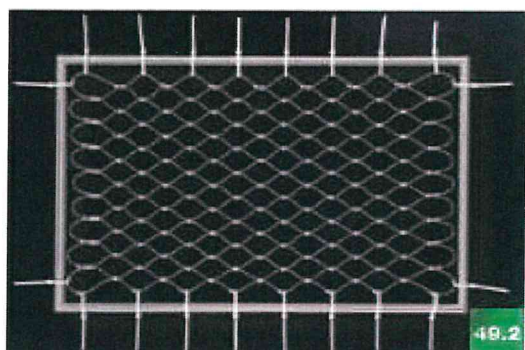
Metal mesh infill for guardrail and trellis

ENGLISH

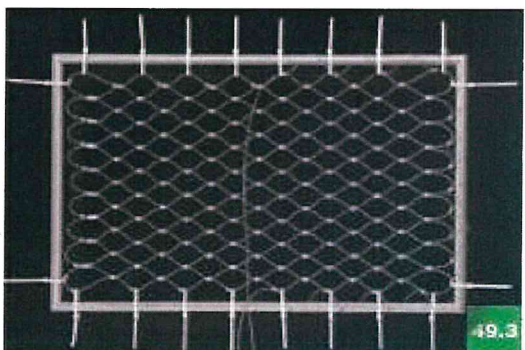




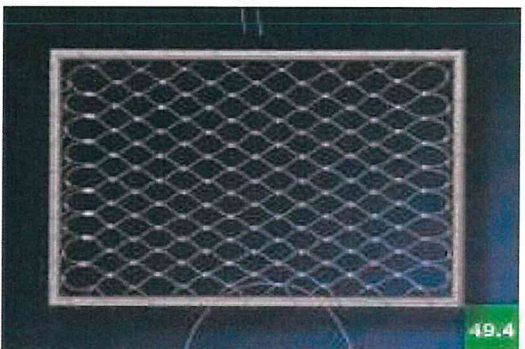
49.1



49.2



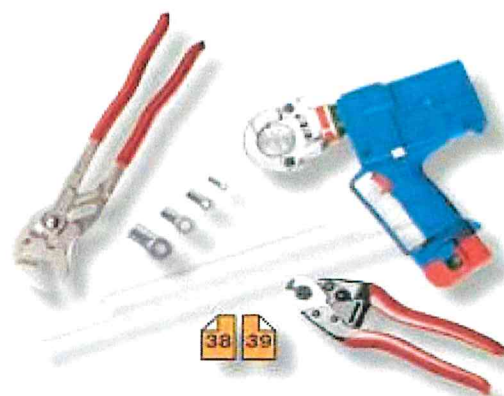
49.3



49.4



49.5



#### Webnet assembled in a rectangular tubular frame

Assembly example with horizontal meshes (**type A, H18**):

**49.1** Center and attach Webnet at the four corners with cable ties.

**49.2** Center and tension Webnet with cable ties.

**49.3** On one half of the frame, thread perimeter rope from the middle of the top cross member to the middle of the bottom cross member, going through each Webnet sleeve and around the tubular frame opposite each sleeve. Thread in same direction throughout.

**49.4** Thread perimeter rope on the other side of the frame as described in step 49.3. The ends of both perimeter ropes must be threaded through the last sleeve and then pulled taught. Now, all cable ties can be removed.

**49.5** Swage the sleeves with the Webnet swaging tool, and cut off loose ends of the perimeter rope.

#### Webnet assembly in a trapezoidal tubular frame

Assembly example with horizontal meshes (**type A, H9**):

**49.6** Center and tension Webnet with cable ties. Mark all cutoff points along and parallel to the skew side, and cut.

**49.7** Use the battery-powered swaging tool to swage the Webnet eye ends onto the loose ends of the wire rope.

**49.8 and 49.9** Same procedure as in figs. 49.4 and 49.5.



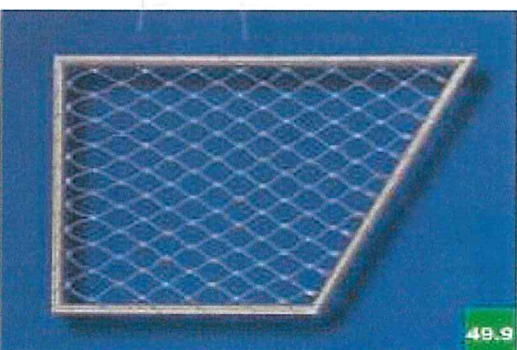
49.6



49.7



49.8



49.9

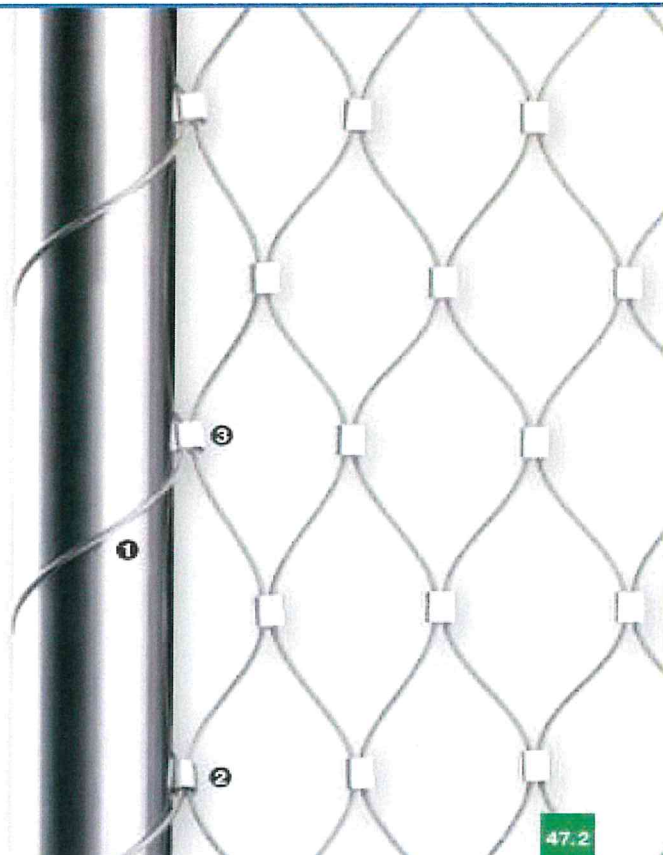


The **Jakob® INOX LINE Webnet** is ideal for **protective functions** and offers intelligent solutions for **attachment** and **perimeter design**.

Combined with architectural wire ropes and the acclaimed **Jakob® INOX LINE G1** greening system, its range of applications extends beyond protection and support, functioning as a **training system** for plants in facade greening applications. Additionally, the Webnet opens up completely new dimensions for the aesthetic design of multifunctional barriers or as "passive safety systems" wherever rugged but resilient fall-stopping nets are needed.

**Left:**

Webnet type A mounted on a tube with perimeter rope ① and hollow sleeves ②  
The sleeves are swaged on site with a hand-operated tool ③



47.2

47.3

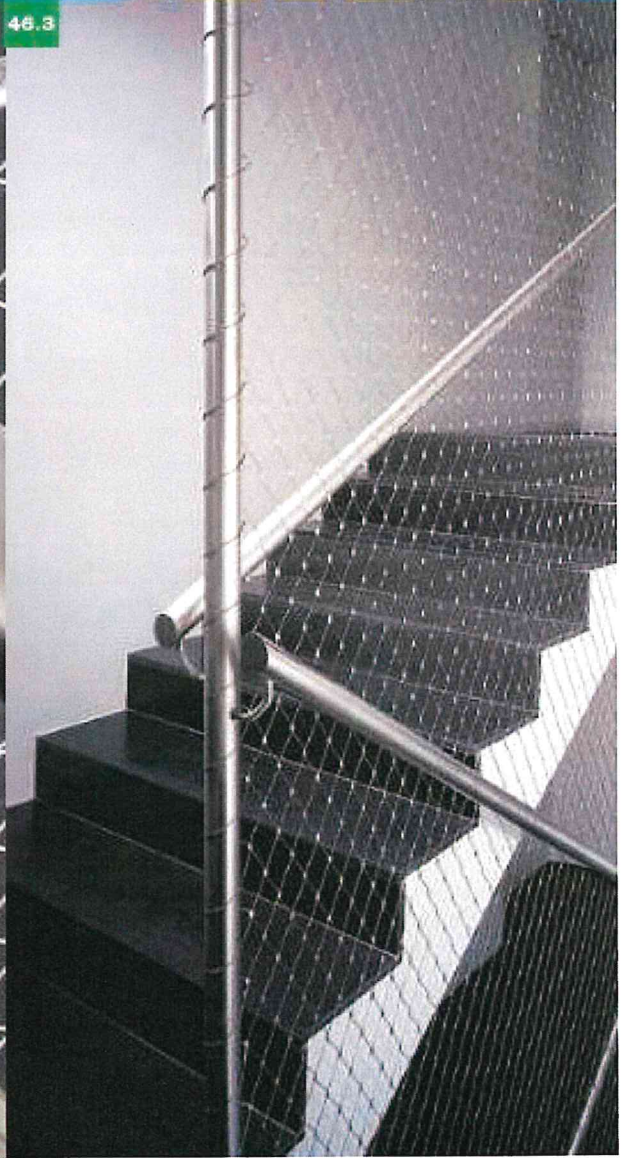
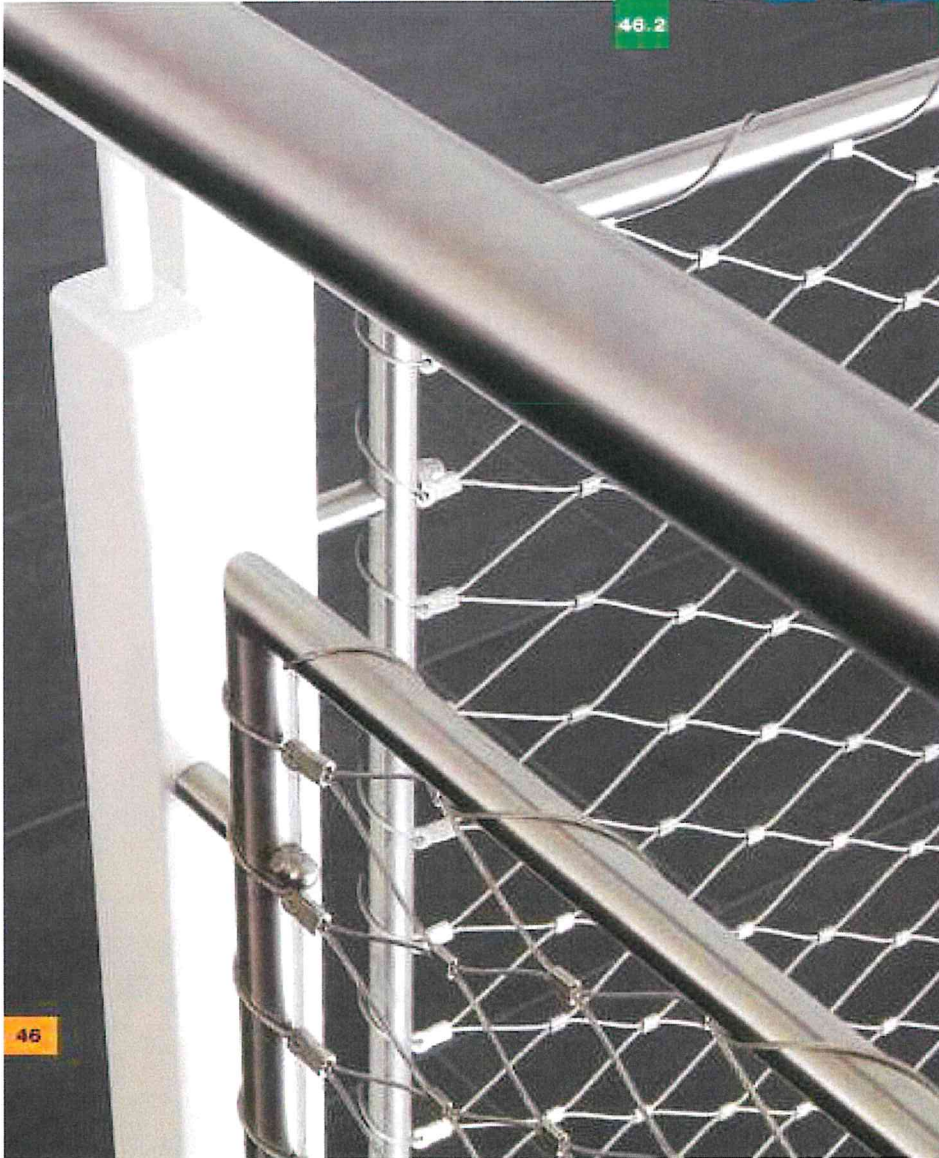






46.1  
46.2

46.3







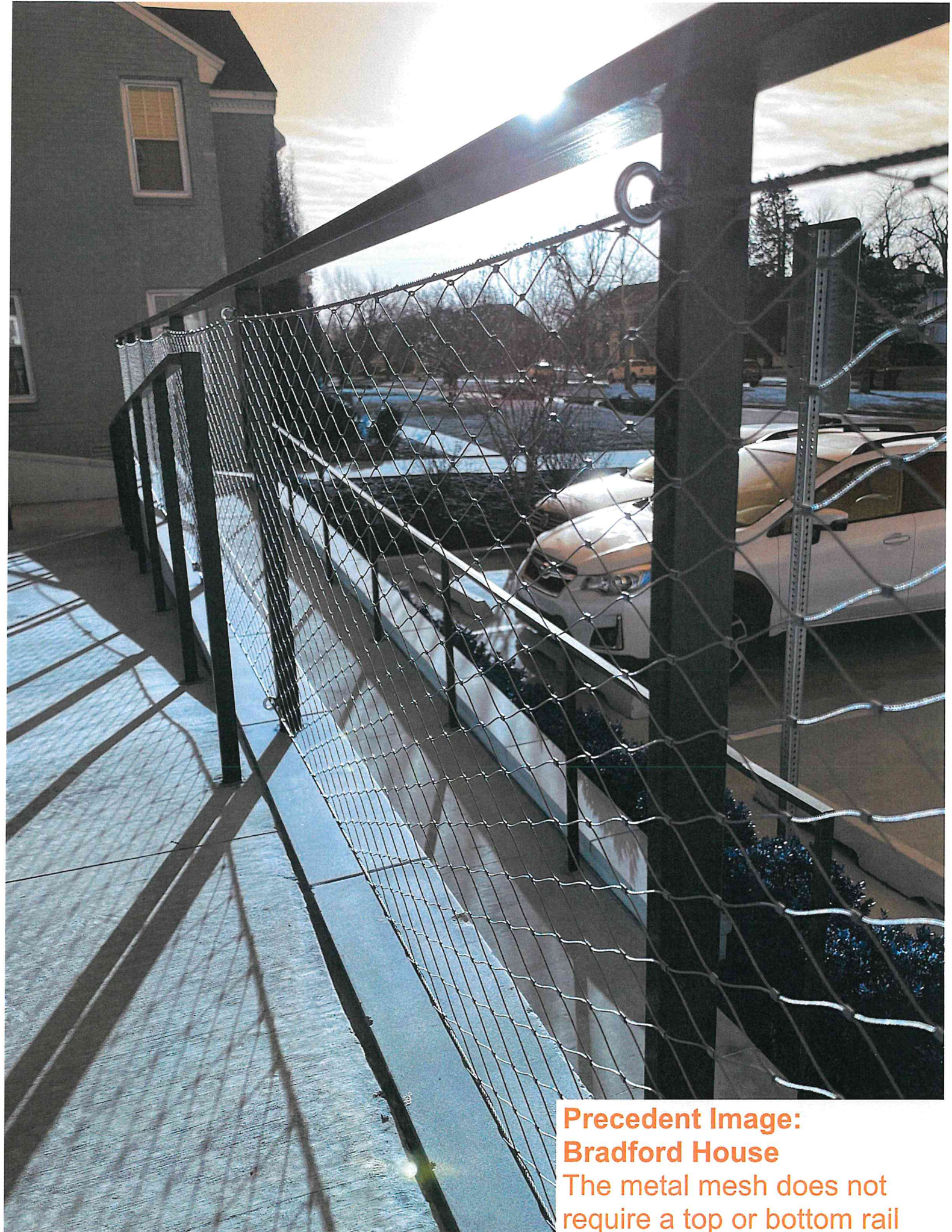
**Precedent Image:**  
**Bradford House**  
The metal mesh functioning  
as an infill panel at guardrail





**Precedent Image:**  
**Bradford House**  
The metal mesh functions as  
a trellis for climbing ivy.





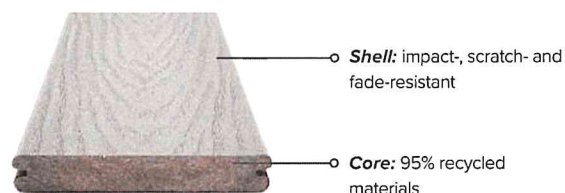
**Precedent Image:**  
**Bradford House**  
The metal mesh does not  
require a top or bottom rail





## MID-PRICED, HIGH-PERFORMANCE DECKING & FASCIA

Trex Select® decking and Trex® Fascia are wood thermoplastic composite lumber (WTCL) boards with an integrated shell that covers the boards on the top surface and sides. The integrated shell consists of a proprietary surface formulation that produces a natural, wood-like grain pattern finish. An alternative to naturally durable hardwood lumber, Select Decking and Fascia are ICC-ES ESR-1308-certified to be a minimum of 95.4% recycled content of wood fiber and polyethylene by weight.



### DECKING

### FASCIA



1" Grooved edge



1" Square edge



2" Square edge



8" or 12" Widths

FEATURES	DECKING BOARDS		FASCIA BOARDS	
	1" x 6"	2" x 6"	8"	12"
Actual Dimensions - Standard	.82" x 5.5"	1.3" x 5.5"	.56" x 7.25"	.56" x 11.375"
Actual Dimensions - Metric	20 mm x 140 mm	33 mm x 140 mm	14 mm x 184 mm	14 mm x 288 mm
Available Lengths - Standard	12', 16', 20'	12', 16', 20'	12'	12'
Available Lengths - Metric	365 cm, 487 cm, 609 cm	365 cm, 487 cm, 609 cm	365 cm	365 cm
Grooved Edge	X			
Square Edge	X	X	X	X
Weight per Lineal Foot	2.2 lbs	3.4 lbs	2.0 lbs	3.3 lbs

Composite decking for outdoor deck



## PHYSICAL & MECHANICAL PROPERTIES

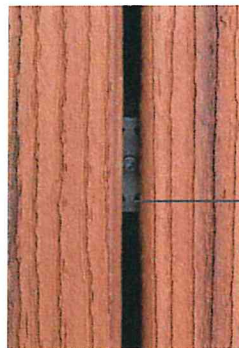
TEST	TEST METHOD	VALUE
Flame Spread	ASTM E 84	70
Thermal Expansion	ASTM D 1037	$1.9 \times 10^{-5}$ in/in/°F
Moisture Absorption	ASTM D 1037	< 1.2%
Screw Head Pull-Through	ASTM D1761	161 lbf/screw*
Fungus Resistance	ASTM D1413	Rating – no decay
Termite Resistance	AWPAE1-72	Rating = 9.7

\*Fastener used in testing: #8 x 2.5" HEADCOTE Stainless Steel Screw

## COLORS



## FASTENERS



### Trex Hideaway® Hidden Fastening System

Self-gapping, glass-filled nylon fastener with 304 grade stainless steel, sharp point screw for wood framing



### Other Approved Fasteners

Color-matched composite deck screw or matching composite plug

Color-coordinated fascia screw

Uncoated stainless steel fascia screw

For a full list of approved fasteners, download our Installation Guide at [trex.com/literature](https://www.trex.com/literature)





**ShadeTree**  
Cool Living  
canopies | structures | lifestyle



— **Shade Solutions for Outdoor Living** —

— [ShadetreeCanopies.com](http://ShadetreeCanopies.com) —

**Fabric shade canopy over the outdoor deck**



# Why wait another year to solve your hot, glaring sun problems?

If the glaring sun keeps you from enjoying your deck or patio on hot, sunny days — here's good news! ShadeTree® Canopies will let you relax or entertain comfortably outdoors, no matter how hot the sun gets.

## Modular design fits any area.

There are no areas that are too large or too small for the ShadeTree® system. The canopies are available in three widths\*: 60", 46", & 30" and come in modules that fit together to cover virtually any width needed. Each canopy can extend up to 24 feet from the house, and even longer projections are possible by providing additional supports for the tracks. \* Custom widths available.

## A custom-made look. Use your imagination or let us design it with you.

ShadeTree® Canopies are custom-made to fit your space and are shipped direct from the factory. (Typically within two to three weeks!) Simply measure the perimeter of the area to be covered and we make the system to fit your area. Our design consultants will be happy to provide a FREE architectural drawing, as well as complimentary fabric swatches and quote at no additional charge.



*Canopies extend or retract for sun or shade.*

## Patented built-in wind protection.

ShadeTree canopy systems feature a mechanism that guards against wind damage. The mechanism senses increasing wind speeds and automatically releases tension on the canopy, preventing damage. **It's so reliable, we guarantee it!**

## Helps reduce air conditioning costs.

Being able to enjoy your deck or patio in hot weather is the most popular benefit of ShadeTree® Canopies. But it's not the only one. By shading windows and doors during the heat of the day you'll find it's remarkably cooler indoors. And the air conditioner runs less often. So your whole family is more comfortable — and you save money on electric bills!

- Featuring over **40 commercial-grade outdoor decorator fabrics**, to create your own "outdoor living room"
- Easy **do-it-yourself installation**, or we'll refer you to our national network of independent, **professional installers**
- Flexible design — **adapts to existing structures or new designs**
- **Three support structure options:** wood, aluminum or vinyl
- Unlike other retractable awnings, ShadeTree's modular design **covers LARGE areas** — extends up to 24' — no pitch required!
- Easy, **financing options available** to fit your budget



Local & On-line Member  
Better Business Bureau



**Shading backyards since 1997!**







Select from **over forty**  
handsome & durable  
**decorator fabrics**  
for your canopies

**In three price & style series:**

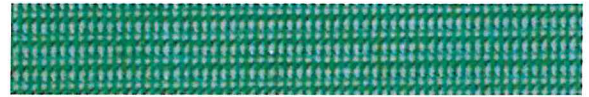
**Series A**  
**Airflow Mesh Fabrics**

These rugged AIRFLOW™ mesh fabrics block much of the sun's rays (percent depends on color) yet allow cool breezes to penetrate. They pass just enough sunlight to make the area ideal for relaxing, dining or growing light-sensitive plants. They are made to last for years in PVC-coated mesh, while offering an affordable and attractive shade alternative to solid, 100% sun-blocking acrylic fabrics. (Series B & C fabrics)

**Series B & C**  
**Commercial-grade Awning**  
**Solid & Stripe Fabrics**

ShadeTree® Canopies, as well as our Backyard Blinds™ are available in handsome decorator fabrics from the world's leading outdoor fabric brands, SUNBRELLA® & PARÀ TEMPOTEST. These solution-dyed acrylic fabrics block 100% of the sun's rays while they compliment the decor of your home. They are also water-repellent. Made from rugged solution-dyed acrylic fibers, they are guaranteed to maintain their color and strength for a minimum of five years.

**Series A** AirFlow™ **MESH**



**Forest Green** (77% shade)



**Beige** (72% shade)



**White** (45% shade)



**Black** (78% shade)



**Gray** (69% shade)



**Bronze** (78% shade)

Mesh fabric shades shown below differ slightly for 6' to 10' blinds.

We proudly offer  
**Sunbrella® fabrics,**

by Glen Raven Mills, America's leading manufacturer of commercial outdoor fabrics, **and Parà Tempotest® fabrics** - premium Italian outdoor fabrics for **awning, marine and outdoor furniture cushions.**

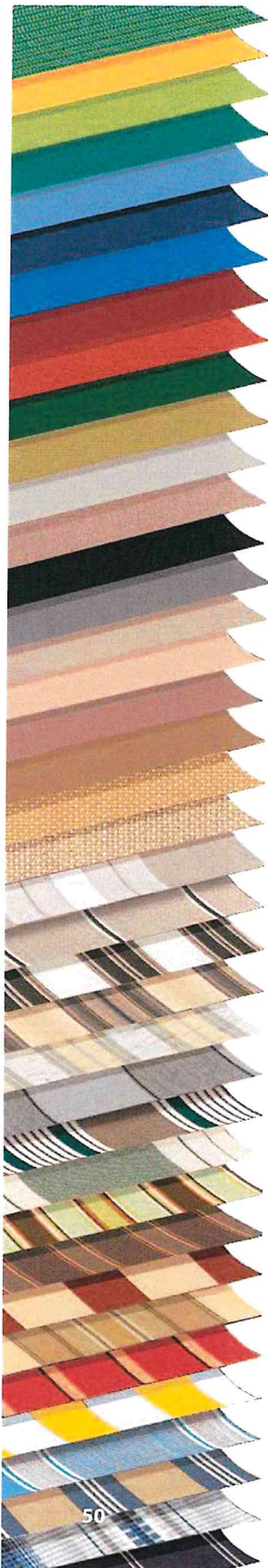
We stock over 30 Sunbrella® & Parà Tempotest® solid and stripe patterns shown in this catalog. However, we will be happy to custom-order additional solids or stripes to match your existing cushion or awnings. (\$25 handling fee.)

NOTE: Sunbrella® custom-order stripes only available in 46" widths.

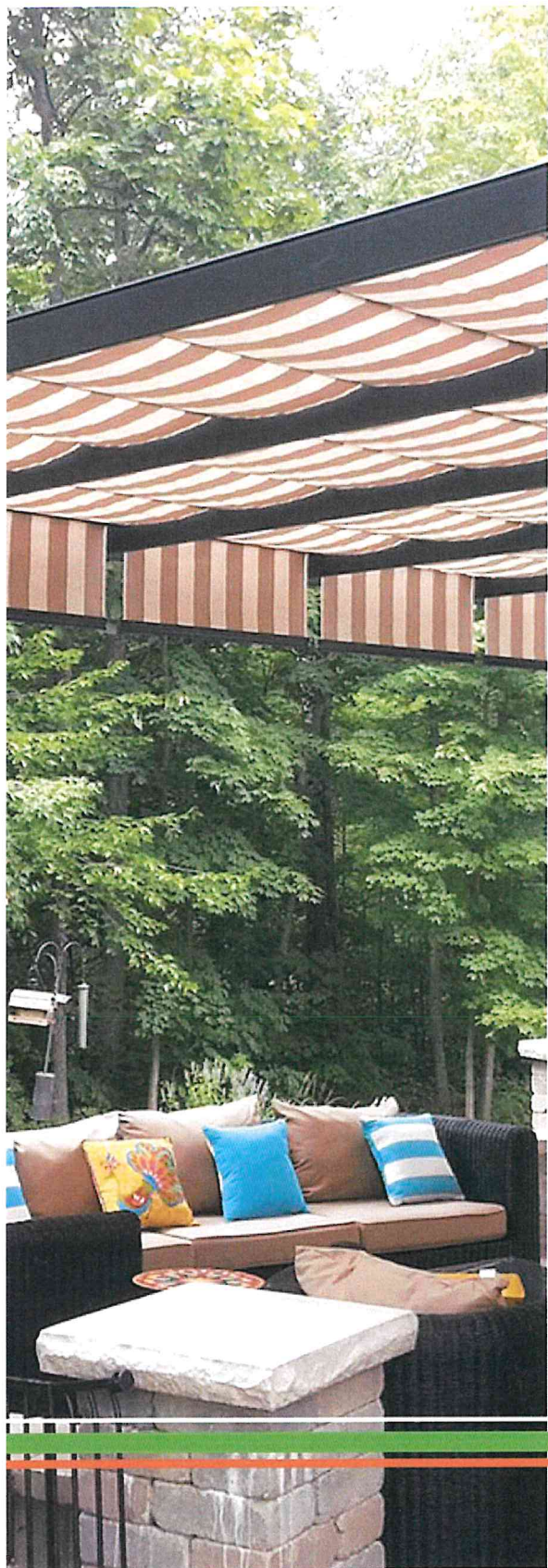
Sunbrella® & Parà Tempotest® fabrics pass the **Skin Cancer Foundation** test for significant levels of sun protection.



**Need swatches?** Call **800-894-3801** or visit **ShadetreeCanopies.com**.







ShadeTree Cool Living, LLC  
6317 Busch Blvd. • Columbus, OH 43229

Order your ShadeTree Canopy TODAY!

**1-800-894-3801**

ShadetreeCanopies.com

FAX: 614-844-5991

It's time to **ENJOY YOUR OUTDOORS!**

An attractive and flexible way to cover your deck or patio, with large retractable shade.

ShadeTree Cool Living has been the outdoor shade solution for over two decades, specializing in **innovative designs, expert engineering** and **seamless experience**.

We are the "Outdoor Shade Solution" to your outdoor living needs focused on custom retractable shade canopies and structures for residential & commercial outdoor lifestyle.



**ShadeTree**  
Cool Living  
canopies | structures | lifestyle





# HS45GSP TUBE HEATERS



# HEATSTAR

EFFICIENT AND EFFECTIVE  
LOW-INTENSITY INFRARED  
RADIANT HEAT.



- 45,000 BTU/HR
- Compact 3" aluminized steel U-tube design
- Provides uniform heat distribution
- Polished aluminum deep-dish reflector
- Quiet operation
- Low clearance requirements
- Reliable direct spark ignition
- Burner and tube set in one box



- Residential Garages • Small Shops • Restaurant Decks & Patios
- Entranceways • Golf Driving Ranges • Farm Buildings • Ski Lodges
- Bus & Smoking Shelters • Green Houses

Radiant heater over outdoor deck

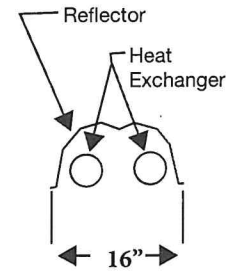
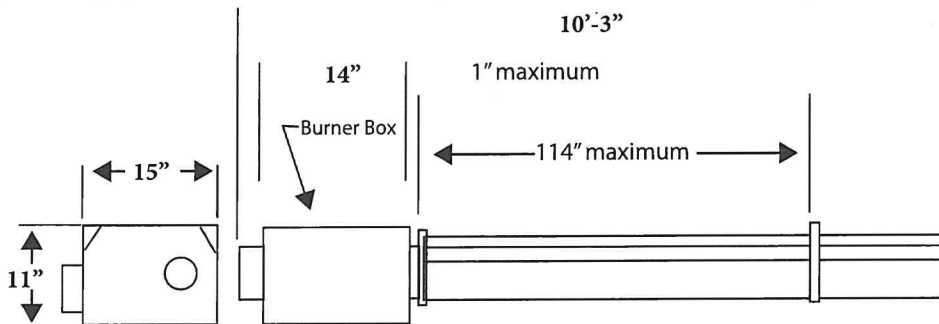
FOR AND OUTDOOR USE.





## HS45GSP TUBE HEATER

### FEATURES:



### -Side View-

#### EASY INSTALLATION

- Hang Burner/Tube/Reflector Assembly
- Run Gas, Electric And Vent
- Horizontal Or Angle Mount
- 10'-3" Overall Length
- Air Intake And Exhaust Collars Attached
- Total Weight: 91 lbs.

### -End View-

#### OPERATING FLEXIBILITY

- Commercial And Residential Approved
  - Indoor And Outdoor Approved
  - Limited 3-Year Warranty On Parts & Burner
  - Limited 10-Year Warranty On Tube

### SPECIFICATIONS & TECHNICAL DATA

DATA	HS45GSP-NG	HS45GSP-LP
<b>Stock Number</b>	<b>F102857</b>	<b>F102855</b>
Input (BTU/HR)*	45,000	45,000
Fuel Type	Natural Gas	Propane
Electrical Rating	120VAC, 60Hz, single phase, 1 amp	120VAC, 60Hz single phase 1 amp
Electrical Connection	3 pin moulded plug	3 pin moulded plug
Gas Inlet Connection	1/2" female NPT	1/2" female NPT
Gas Inlet Pressure Minimum/Maximum	5.0" / 10.5" w.c.	11.0" / 13.5" w.c.
Manifold Pressure	4.0" w.c.	10.0" w.c.
Weight	91 lbs.	91 lbs.
Length	10'-3"	10'-3"

### VENTING SPECIFICATIONS

Length Minimum	Length Maximum	Intake Pipe (From Back)	Vent Pipe (From Side)
3'	25'	3.0" diameter	4.0" diameter

### ACCESSORIES

Stock #	Description	UPC
F102848	Vent Kit-Vertical - 4" (Galvanized)	0830102848-7
F102860	Vent Kit- Horizontal-4" (Stainless Steel)	08930102860-9
10371	24v Thermostat	856795001230
F102859	Decorative Grid Kit	089301003834
F102834	Install Kit (T-stat, Shut-Off Valve, Flex Connector, 1/2" Nipple)	089301028340

### MOUNTING CLEARANCE TO COMBUSTIBLES

Top	Bottom	Burner Side	Exhaust Side	Reflector End	Burner End
Horizontal					
6"	54"	24"	24"	6"	24"
Angle (Hung Burner Side UP)					
6"	36"	36"	6"	6"	24"

Ratings shown are for elevations up to 2,000 feet. (In Canada, refer to rating tag.) For elevations above 2,000 feet, ratings should be reduced at the rate of 4% for each 1,000 feet above sea level or as specified by local authority having jurisdiction.





Concrete pavers and mexican beach pebble





K-style seamless gutter. Color to be black. Hangers and hardware are to be internal and matching in color.



Matching downspouts. Color to be black. Hangers and hardware are to be matching in color.





Gray Granite

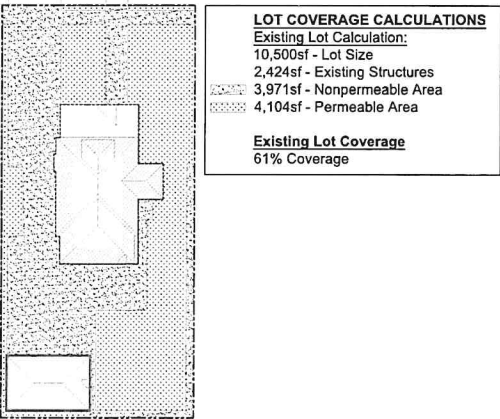


Blue

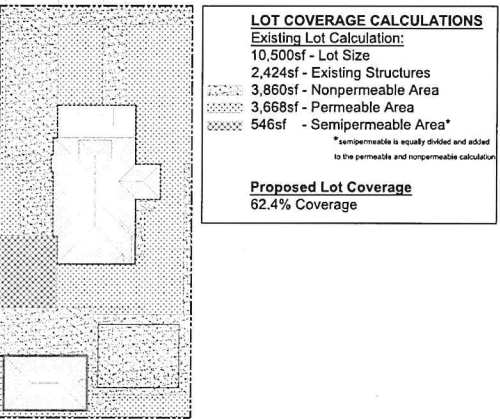
Spiral slide to be similar but attached to the designed enclosure.  
Color to be gray,



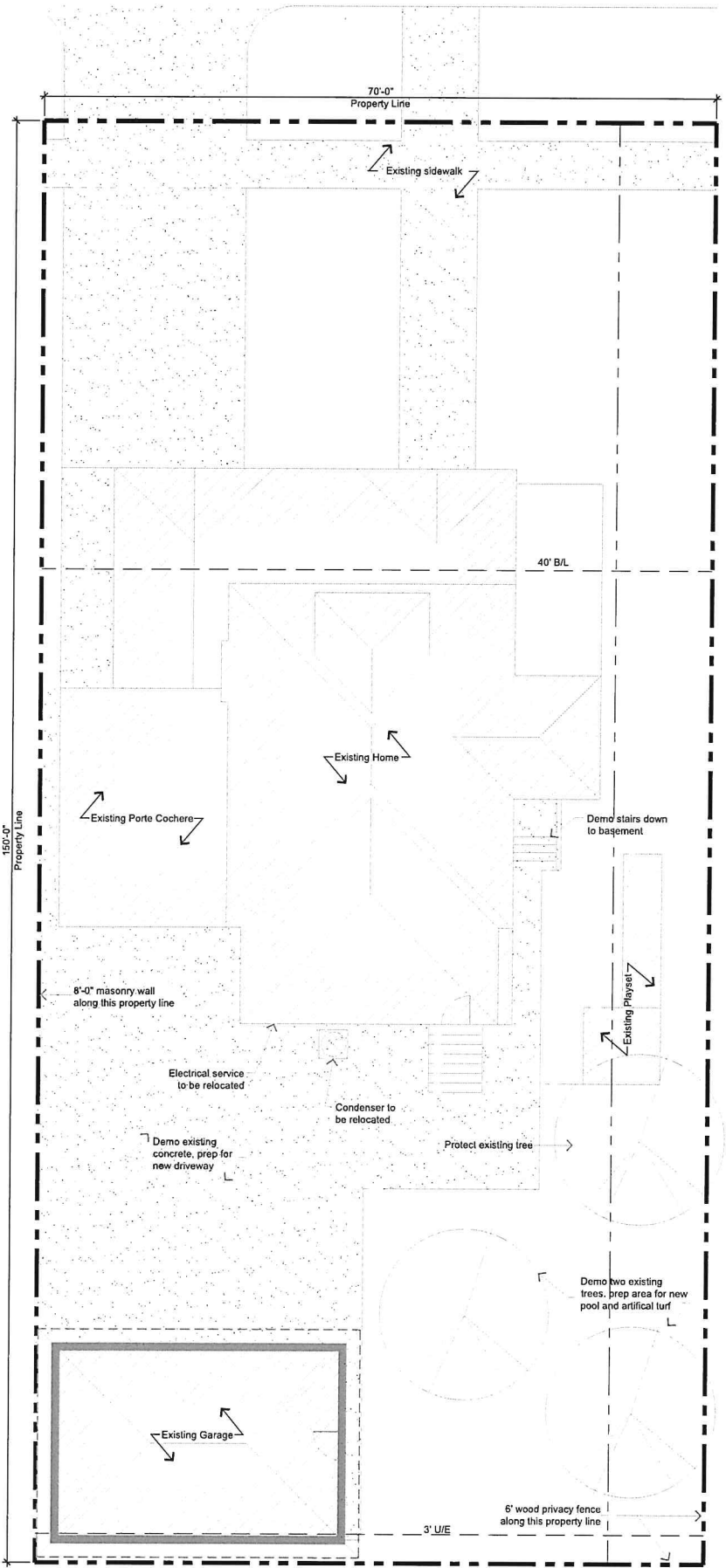
EXISTING LOT COVERAGE DIAGRAM



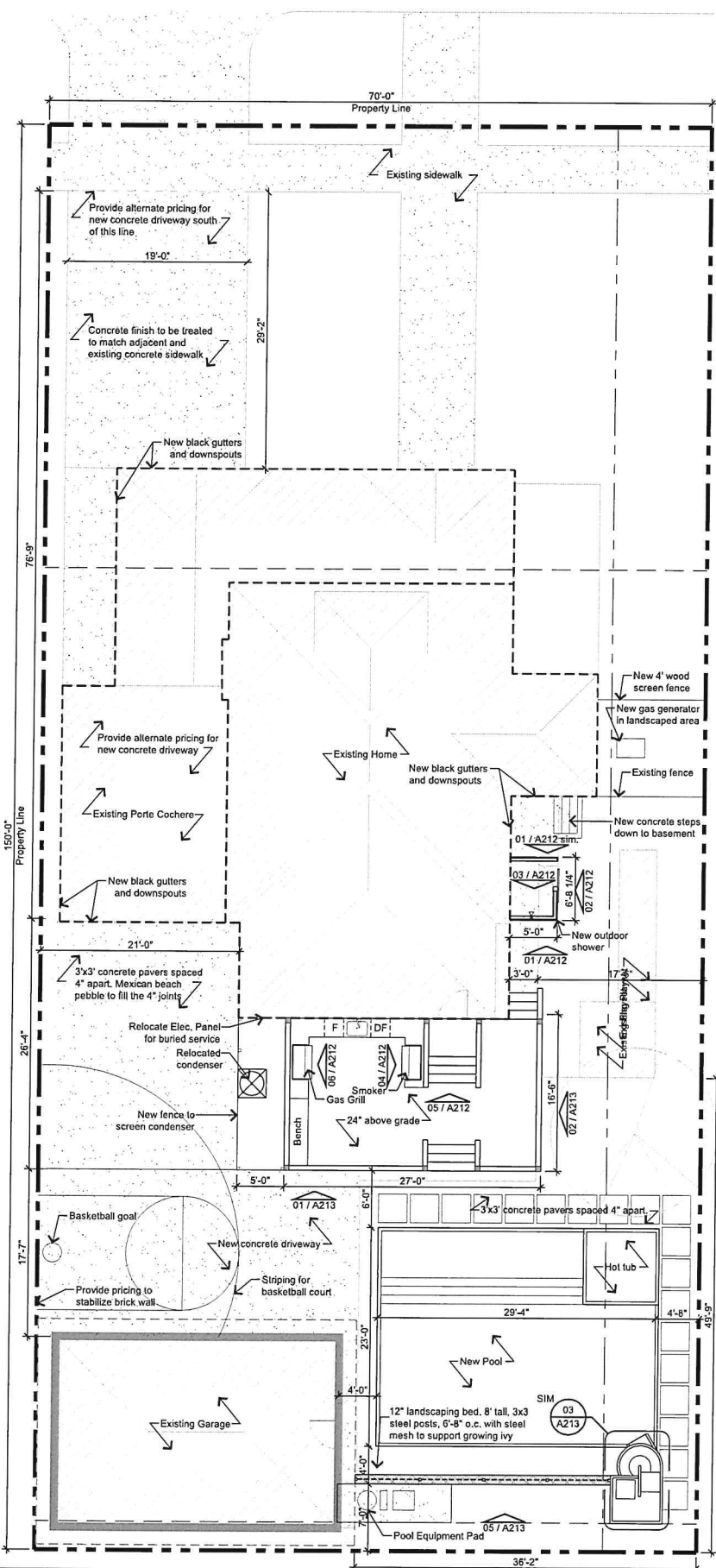
PROPOSED LOT COVERAGE DIAGRAM



Howald Home  
Existing Site Plan  
1/8" = 1'



Howald Home  
Proposed Site Plan  
1/8" = 1'



HP  
STUDIO

Howald Home  
806 NW 16th St., OKC, OK



NOT FOR  
CONSTRUCTION

ISSUES / REVISIONS

Proposed Site Plan	09.27.2022
Progress Drawings	11.11.2022
Construction Drawings	12.06.2022
HP Permit Application	01.25.2023
HP Permit Application	02.14.2023
HP Continuance	03.07.2023

project number:  
22.24

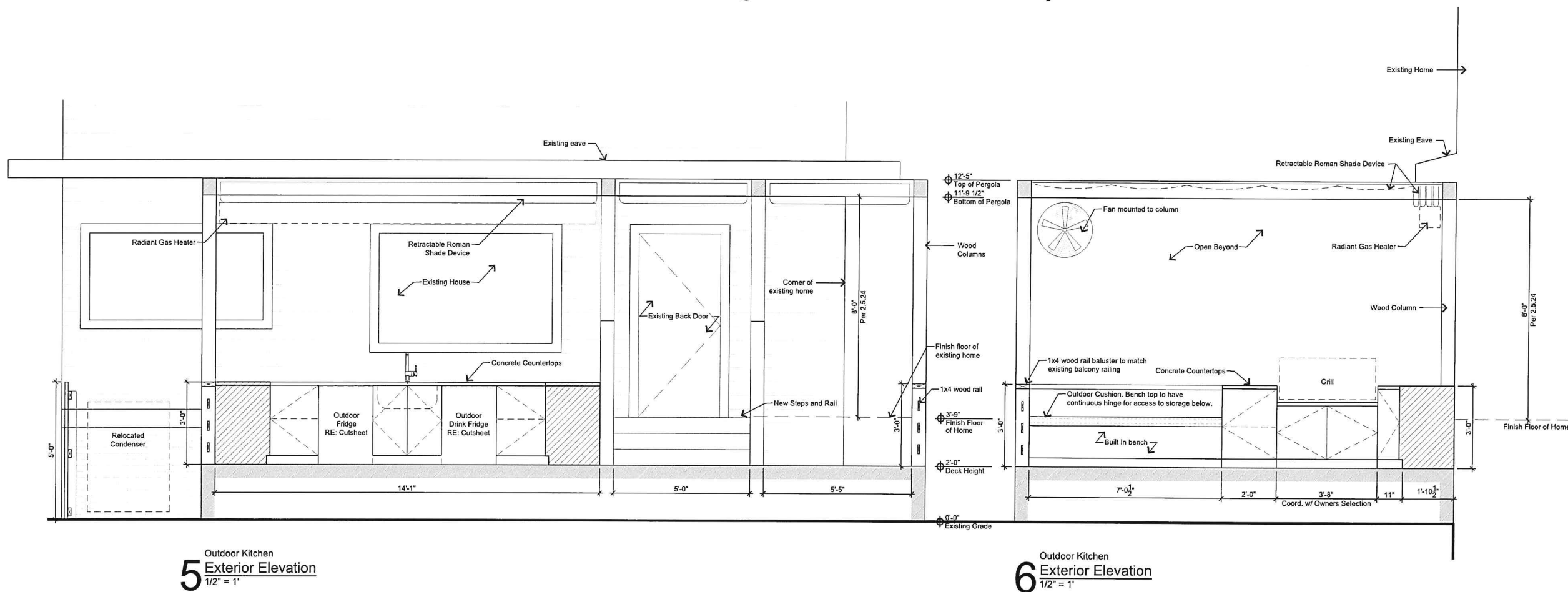
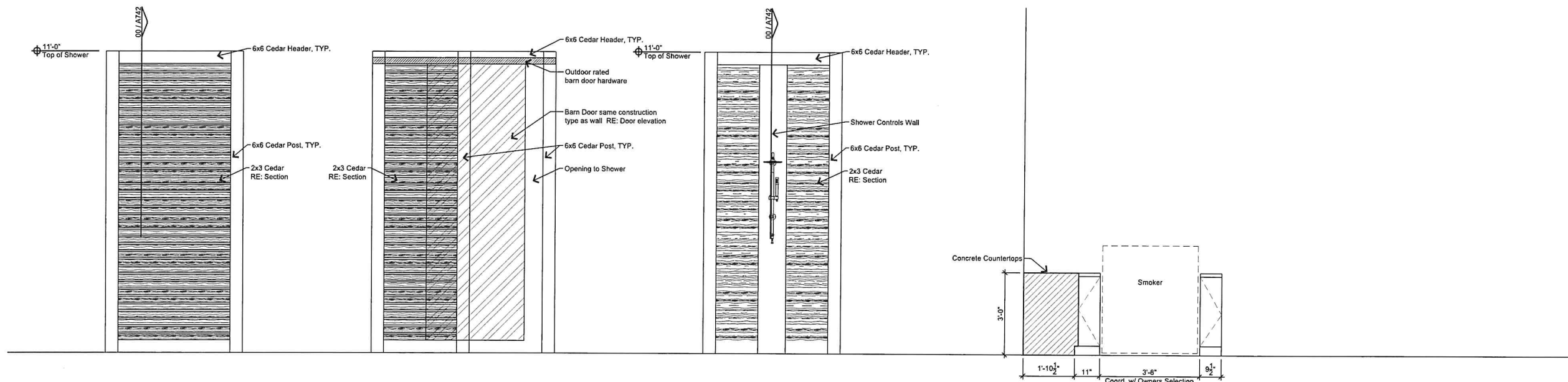
date:  
03.07.2023

scale:  
1/8" = 1'-0"

sheet number:

**A111**  
EXISTING SITE PLAN  
PROPOSED SITE PLAN







**NOT FOR  
CONSTRUCTION**

**ISSUES / REVISIONS**

Proposed Site Plan  
09.27.2022  
Progress Drawings  
11.11.2022  
Construction Drawings  
12.06.2022  
HP Permit Application  
01.25.2023  
HP Permit Application  
02.14.2023  
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03.07.2023

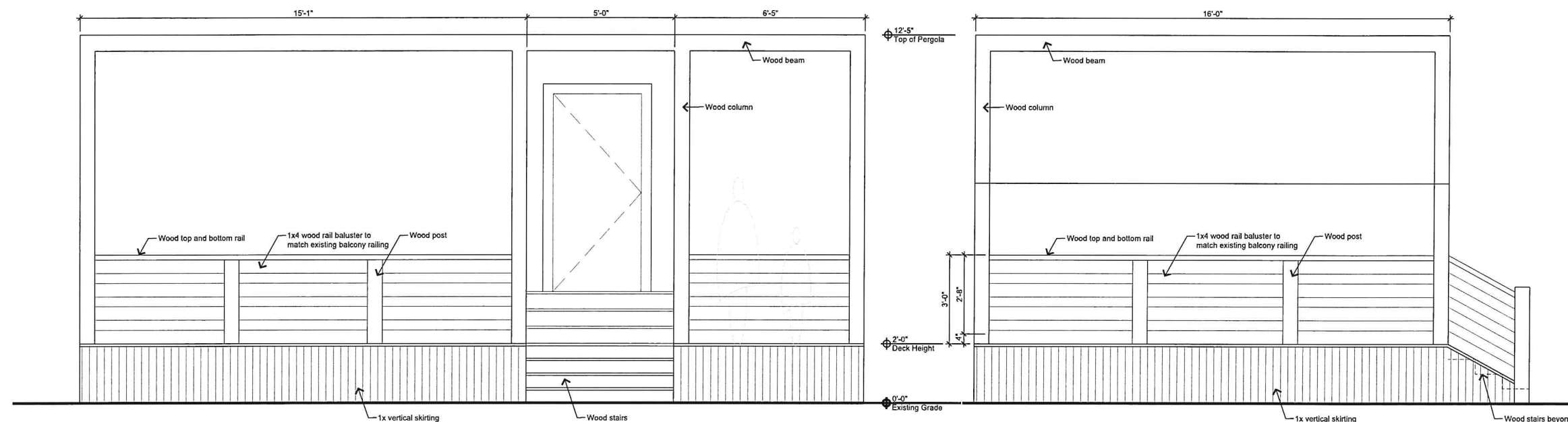
project number:  
22.24

date:  
03.07.2023

scale:  
1/8" = 1'-0"

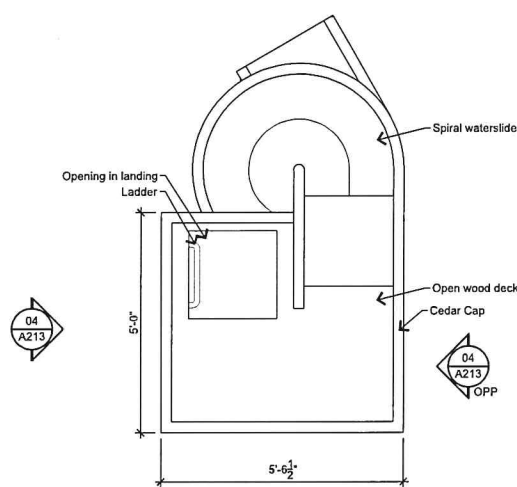
sheet number:

**A213**  
PROPOSED  
ELEVATIONS

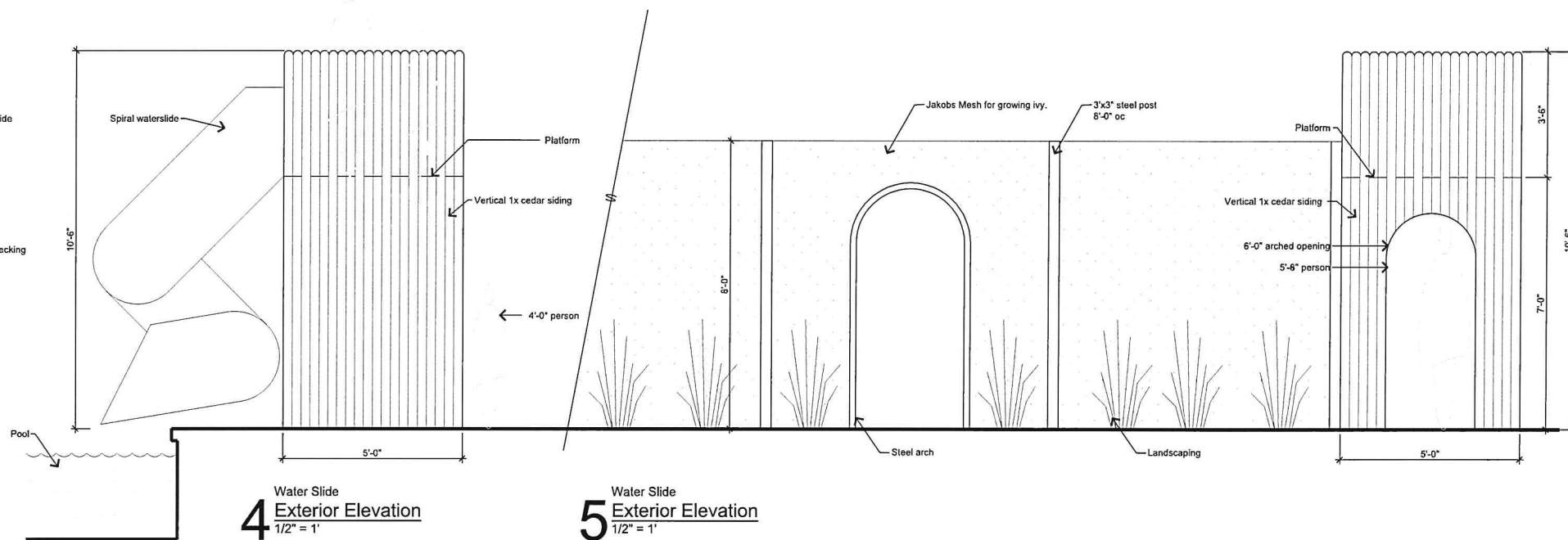


Deck  
**1 South Elevation**  
1/2" = 1'

Deck  
**2 East Elevation**  
1/2" = 1'



Water slide  
**3 Enlarged Floor Plan**  
1/2" = 1'



Water Slide  
**4 Exterior Elevation**  
1/2" = 1'

Water Slide  
**5 Exterior Elevation**  
1/2" = 1'





Existing view of backyard





Existing view of proposed location of outdoor deck





Existing view of driveway approach to garage





Existing view of proposed location of pool





Proposed view of new patio and swimming pool





Proposed view of new patio and swimming pool