

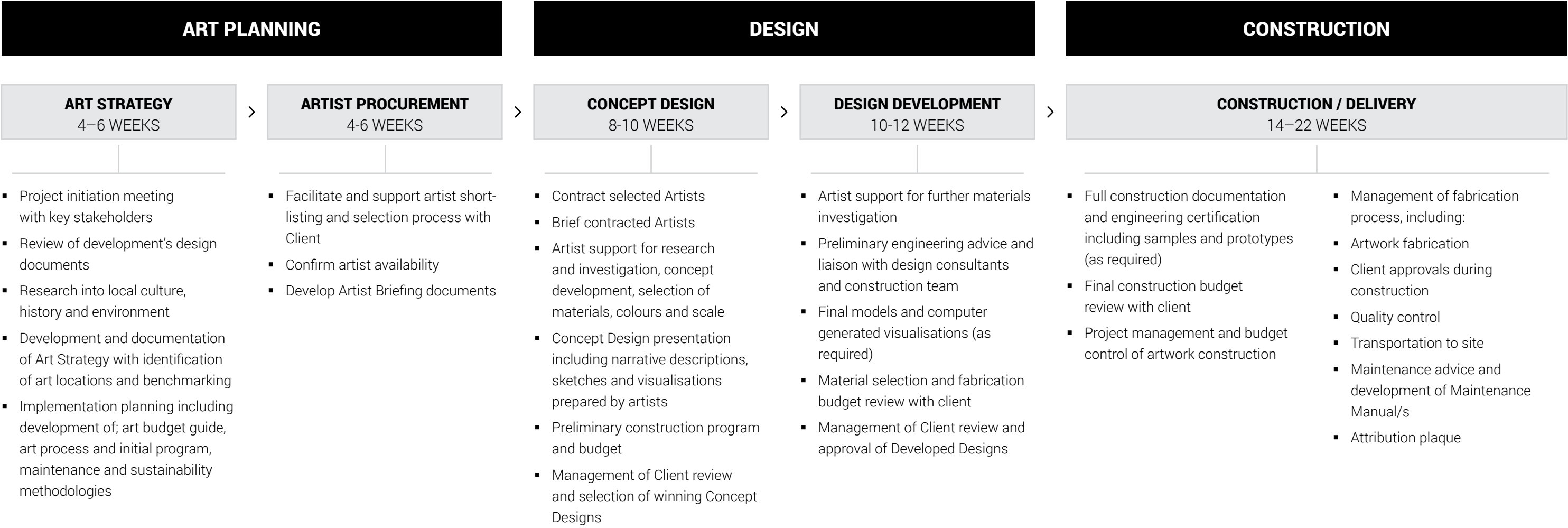


# IMPLEMENTATION

IMPLEMENTATION

INDICATIVE PUBLIC ART PROCESS AND TIMELINE

The process outlined below details the public art process recommended for the commissioning of permanent artworks for Wanda Sydney and includes preliminary time-frames for each stage.



CITY OF SYDNEY REVIEW POINTS BY STAGE

- |  |   |   |   |   |
|--|---|---|---|---|
| <ul style="list-style-type: none"><li>City of Sydney review Public Art Strategy and approve to proceed</li></ul> | <ul style="list-style-type: none"><li>City of Sydney Public Art Advisory Panel review Public Art Strategy and Artist Shortlist and approve artist(s) to proceed to concept design stage</li></ul> | <ul style="list-style-type: none"><li>City of Sydney and Public Art Advisory Panel review selected Concept Designs and approve to proceed to Design Development</li></ul> | <ul style="list-style-type: none"><li>City of Sydney and Public Art Advisory Panel review Design Development packages and approve to proceed to Construction / Delivery</li></ul> | <ul style="list-style-type: none"><li>City of Sydney review and approval point, confirming completion of public art requirement</li></ul> |
|--|---|---|---|---|

All artworks commissioned for Wanda Sydney should consider the importance of environmental sustainability. Throughout the development phases of the artwork, the artists, and the design, construction and installation teams will be encouraged to consider implications for sustainability and environmental impact as follows:

**MATERIALS SELECTION**

It is suggested that all artists, design and construction team members consider environmentally preferred materials options, based on 5 primary considerations:

- Proportion of recycled content of the material
- End of life recyclability of the material
- Total Carbon footprint of material
- Longevity of the material
- Sustainable technologies

Artists and designers are encouraged to consider the potential for incorporating sustainable technology into the artwork. This may include, but not be restricted to:

- Water – minimisation / storage / recycling
- Energy – efficiency / renewable sources for lighting, sound or kinetic elements

**MICROCLIMATIC EFFECTS**

All structures in our environment, large or small, can affect the conditions in their immediate locality. Wind tunnels or screens, light reflection or shadow, radiant heat from surfaces or masses, can all potentially affect human comfort in a space, positively or negatively.

Artists and designers will be encouraged to consider how their designs may affect conditions in the immediate locality of the artwork. This can be summarised as the localised effect on:

- **Temperature:** heat ‘island’ absorption and radiation / cooling effect
- **Light:** reflection / focusing / penetration / shading
- **Wind:** tunnelling / cooling / deflection / turbulence / noise
- **Water:** runoff / catch / storage / absorption / evaporation / humidity

**CONSTRUCTION PHASE**

A number of key elements should be considered during the construction phase of the artworks:

All artists, design and construction teams will consider the sustainability of the finished piece. This may include, but not be confined to, the environmental costs associated with light, sound, motion, microclimate installation, maintenance and lifespan. All sub-contractors will be assessed with respect to their environmental awareness, reputation or credentials

The design and engineering methods will take into consideration the complexity of construction and assembly and its carbon emissions impact through energy intensity or efficiency.



Sydney Harbour / Circular Quay



Maintenance is a key factor in the long-term care and quality of public artworks and should be taken into consideration during concept and design development, during material selection and construction. In addition, the development of a maintenance program will ensure that the benefits generated by public art can be enjoyed over a long period and that maintenance costs can be kept to a minimum.

There are climatic conditions for Wanda Sydney that all artists and fabricators must consider during permanent artwork development to ensure the longevity of all artworks. These conditions include humidity, fatigue, vehicular pollution, UV degradation and vandalism.

### MATERIAL SELECTION

To withstand these conditions, artists will be required to ensure their artworks are of a robust nature, incorporate technologies that are easily replaced and be constructed from materials suitable for long-term exterior installations.

Artworks may be constructed from materials such as:

- Brass
- Cast aluminium
- Cast bronze
- Ceramic/Mosaics
- Concrete
- Copper
- Glass (select)
- Stainless Steel (select)
- Exterior grade paint

Materials not considered suitable include resins, soft timbers and any materials that are not UV stable.

Where artworks include technology elements, these should be high quality, warrantied components and fittings that are easily accessible for replacement. Use of LEDs is recommended for longevity and power efficiency of lighting installations.

### MAINTENANCE PROGRAM

During the development of a public art project, consideration should be given to the thorough documentation of the processes involved in the future care and maintenance requirements of the artwork. This information is captured in an Artwork Maintenance Manual which outlines the following information in relation to the artwork:

- Contact details for the construction company/companies involved
- Materials used during construction and supplier details
- Treatments, aftercare works and processes
- Design and structural drawings
- Predicted lifespan of components
- Location of power source, power supply, water supply etc
- Cleaning program outlining processes and recommended frequency
- Any specific specialist maintenance requirements

The Artwork Maintenance Manual forms the final handover of ownership of the artwork.

### WARRANTY STATEMENT

Urban Art Projects will provide a 12 month warranty, against faulty workmanship on all UAP products subject to normal wear and tear. Warranty covers parts and labour for rectification and/or replacement of damage parts or components originally supplied under contract for Wanda Sydney

With the specific exclusion of:

- Damage or harm due to severe weather, acts of God or any negligent act of the (client) or their agents and contractors;
- Alteration or disassembly by unauthorised personnel;
- Intentional or accidental misuse, vandalism;
- Malicious or accidental damage by agents, contractors, or a third party;
- Non adherence to UAP maintenance manual requirements;

Use of lighting not relevantly rated.

### FINANCIAL IMPLICATIONS

While artworks should be designed to be durable and require minimum maintenance, all permanent artworks in the public realm will require a certain amount of maintenance to ensure their longevity and reduce replacement costs. All commissioners of artworks must understand the maintenance responsibilities of each artwork which will be minimised and explained during the design stages.

In order that maintenance responsibilities and associated costs do not become onerous it is recommended that responsibility for maintenance is clearly established and that a condition check of the artwork is undertaken on a regular basis with any remedial works and cleaning carried out when necessary. This will prevent any deterioration of the artwork that may lead to more expensive restoration works in the long-term.

### ARTWORK LIFE-SPAN

Permanent artworks commissioned for Wanda Sydney should be intended to have a life expectancy of up to 25 years. Where artworks include technology elements with expected lifespans shorter than 25 years, the future owner of the artwork may choose to conduct a review of the artwork before the intended expectancy is reached.

**NATASHA SMITH**

Senior Associate | Curator | Art + Design

**DIRECT** +61 7 3630 6337

**MOBILE** +61 412 476 481

**EMAIL** natasha.smith@uapcompany.com

**OWEN CRAVEN**

Associate | Curator | Studio

**MOBILE** +61 421 438 040

**EMAIL** owen.craven@uapcompany.com



Judy Watson with UAP STUDIO — *Tank Stream*