

# PavilionNOW 2018

## BRICK ORGAN PAVILION

Opening July 26, 2018



SHALINI GANENDRA FINE ART ADVISORY @ Gallery Residence

# PavilionNOW: Our continuing Vision

At the confluence of art, design and architecture, SGFA's PavilionNOW is a tangible result of the Multidiscipline: it brings together design expertise, capacity building, and place making.

Each iteration of the project involves the selection of a promising Malaysian architect or design/architecture firm to produce a work for feature at Shalini Ganendra Fine Art Advisory's award-winning green space, the Gallery Residence, in the suburbs of Kuala Lumpur. The annual construction of a 'pavilion' is a process which entails creativity, efficiency and originality—architects and designers are encouraged to utilise sustainable, locally produced materials as a means of engaging dynamically with the gallery space.

This year, Amos Tan, one of the leading contributors to each of the three past Pavilions, takes the lead along with his business partner Gary Yeow Jinn Sheng and their new organisation XYZ. A community engagement initiative, XYZ's aim is to create meaningful and engaging small-scale architectural and artistic installations that are boldly reactive to their cultural context.

The XYZ Brick Organ Pavilion, is a visually-attesting curvaceous architectural work. Made completely out of brick, the Brick Organ Pavilion not only showcases how masonry can be utilized in an organic manner, but also promotes parametric design executed by hand. Working in collaboration with Shalini Ganendra Fine Art Advisory through all aspects of design, development and construction, XYZ's Pavilion final structure engages dynamically with its environment through the action of recycling— it incorporates already existing steel poles into the installation and allows the natural elements of cooling heat and wind to interact with the structure and its audience. Still retaining certain flourishes endemic to masonry construction in Malaysia, the final structure reinterprets and repurposes local materials in a creative installation.

The spirit of collaboration underpins SGFA's creative commitment to fostering the best of Malaysian talent across all disciplines of fine art. Encouraging and supporting the skills of some of the brightest young architectural minds, such as Amos Tan and Gary Yeow Jinn Sheng, furthers SGFA's vision of showcasing that talent.

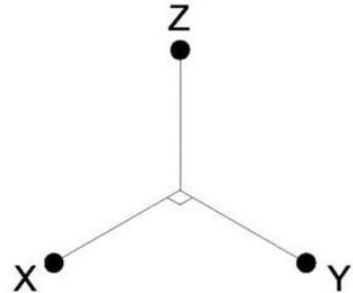
*Shalini Ganendra*  
Director, SGFA

## XYZ Design

*“We are a community engagement initiative launched by newly graduated architectural designers. We aim to create meaningful and engaging small-scale architectural and artistic installation works that are boldly reactive to its cultural context. “*

AMOS & GARY

*Founding Partners, XYZ Design*

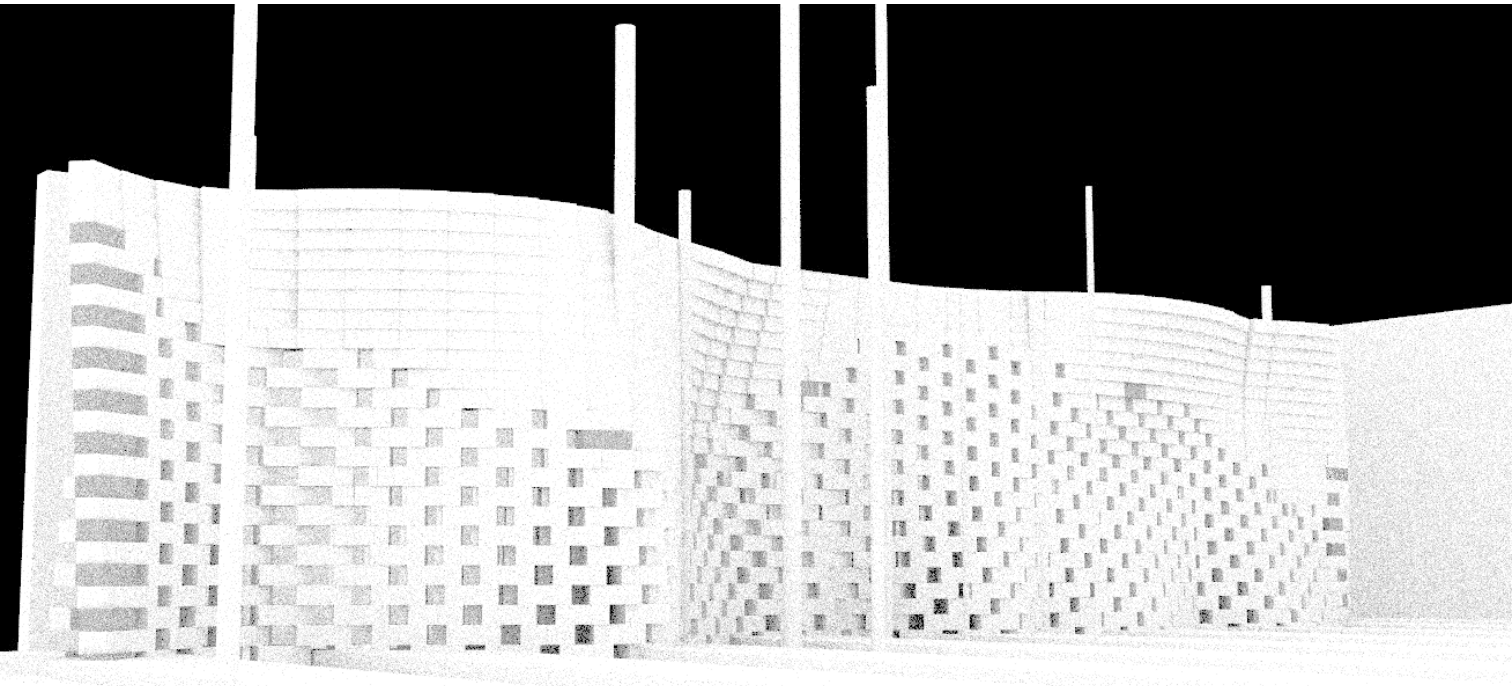


# Participants

## SHALINI GANENDRA FINE ART ADVISORY

XYZ:

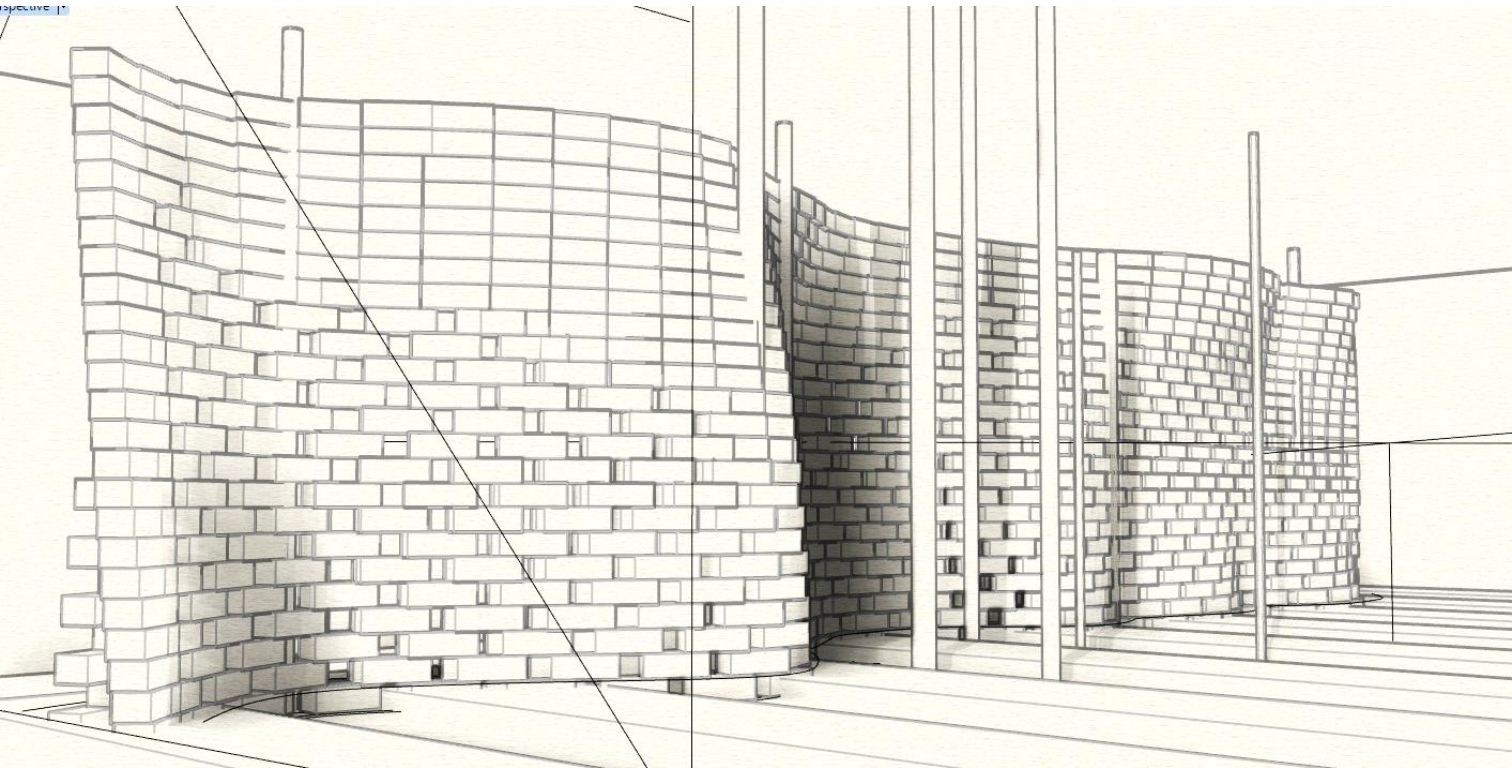
AMOS TAN CHI YI; GARY YEOW JINN SHENG; JACK TOO MUN FAI; LOH WEI SHUEN; CANISIUS BONG; VIKKIE LEE PUI SAN; LAI YIK XIN; NG YI YANG; SUZANNE KAN SOOK SAN



Brick Organ Pavilion Concept Render

## About the XYZ Wind Organ Pavilion Design

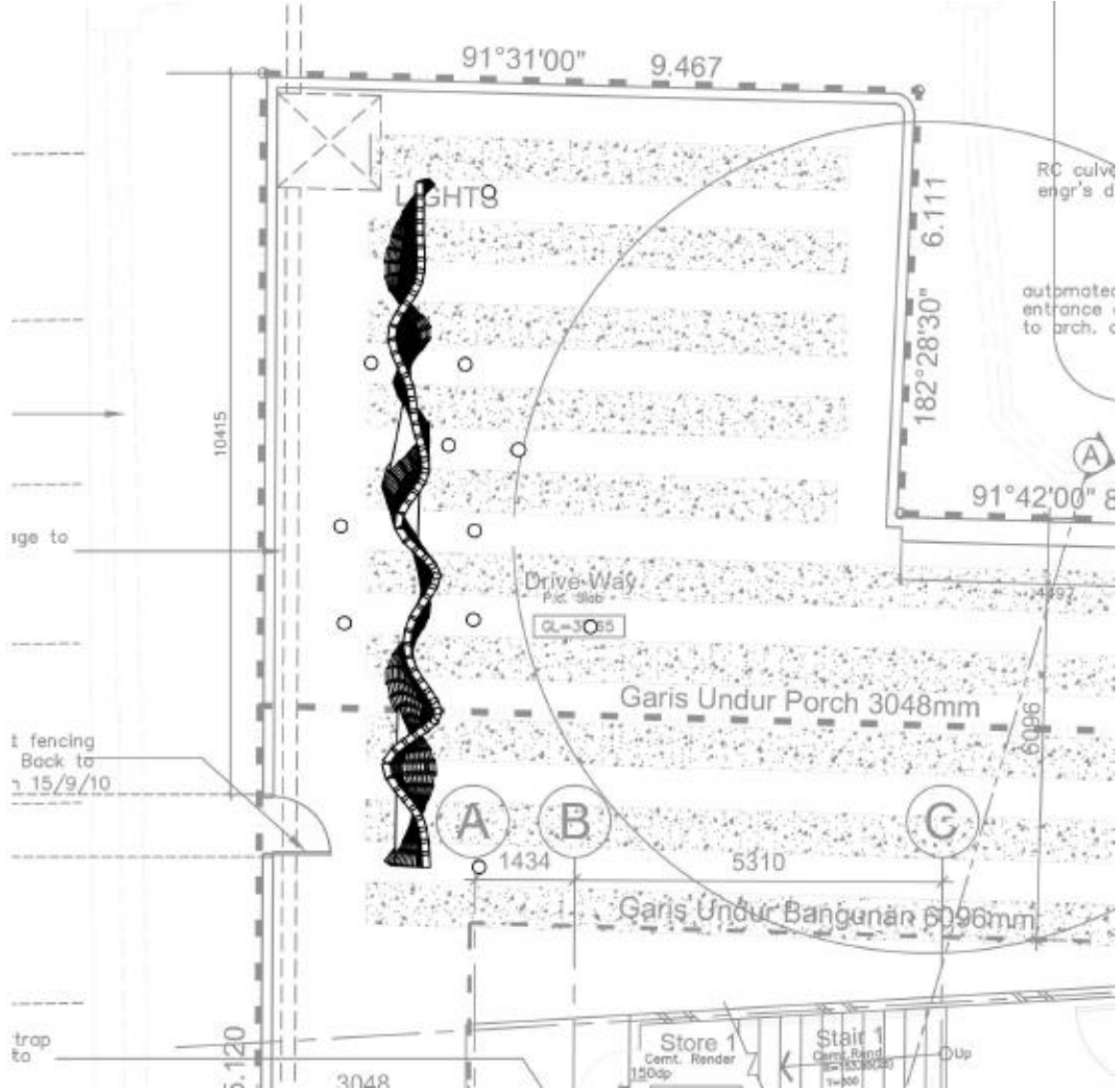
The pavilion is parametrically-derived entirely from mathematical functions, acquiring its curvaceous shape and structure as inspired by the Venturi Effect. Its form takes into account the challenging context on which it sits: both vehicular and pedestrian circulation, as well as existing structures and materials. This pavilion showcases how masonry is able to be constructed in an organic manner, while still retaining certain flourishes endemic to masonry construction in Malaysia.



XYZ Brick Organ Pavilion Concept Sketch

# XYZ Brick Organ Pavilion Concept Render





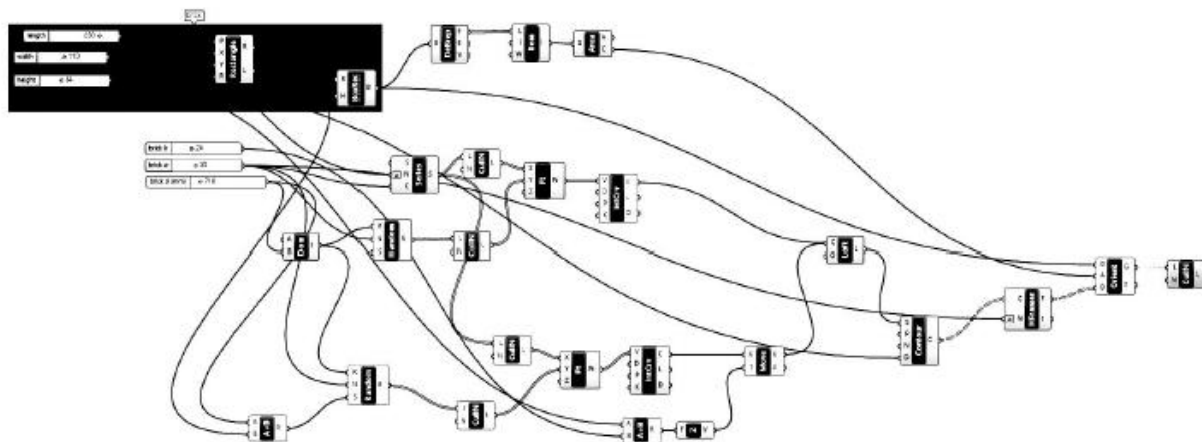
Plan: Air view of XYZ Brick Organ Pavilion in SGFA Grounds



## About XYZ Brick Organ Pavilion as Naturally Cooling

This pavilion features naturally cooling design features in order to increase its thermal comfort. To do this, the core strategy lies in its method of generating wind. The Venturi effect states that a fluid must increase its velocity when passing through a smaller area in order to maintain its density. This effect is utilized in the curvaceous form of the wall, in which it naturally creates "funnels" in which air is effectively accelerated, creating stronger gusts.

This wind generation is further supplemented by the use of solid brick surfaces, which act as a thermal chimney, storing heat high above the users. This causes hot air above the pavilion to rise further, creating an elevated area of lower pressure, which in turns creates a miniature vacuum, sucking surrounding air into within, creating airflow.

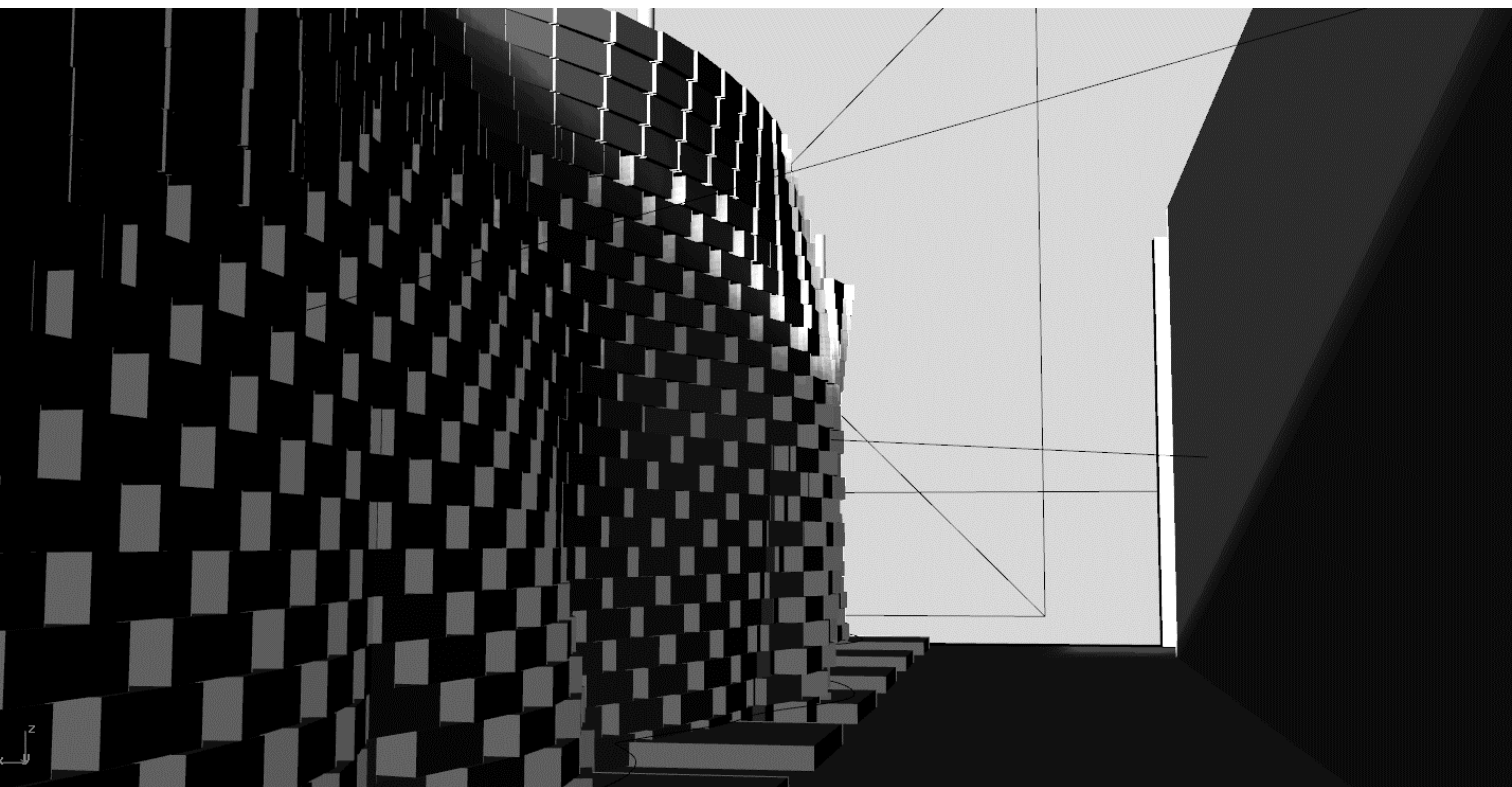


## New technology – Mathematically Predicted Parametric Model inspired by the Venturi effect

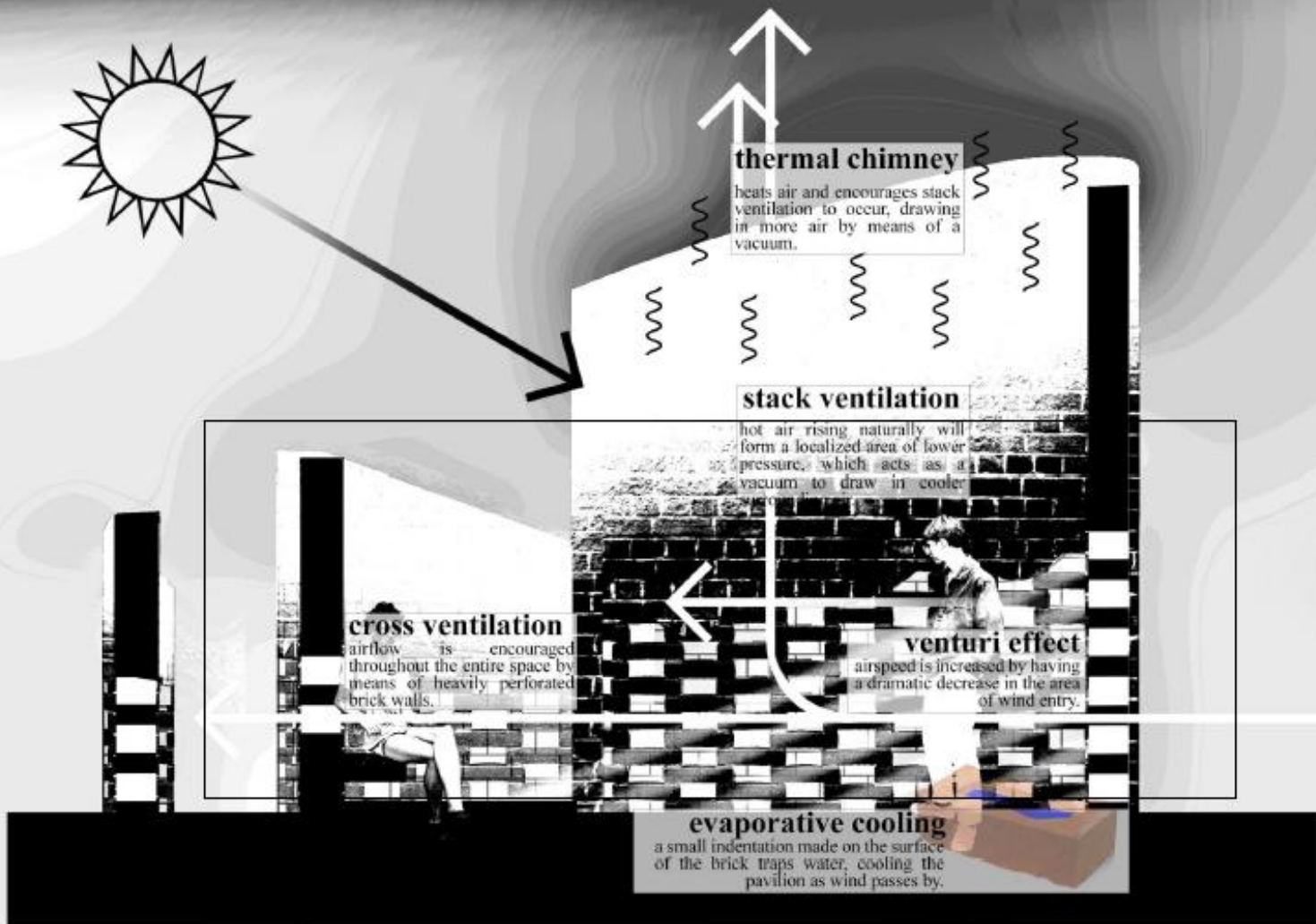




XYZ Brick Organ Pavilion Cooling Conceptual Base Inspiration– Solid Brick Surfaces acting as a Thermal Chimney to store heat high above the users of the Pavilion.



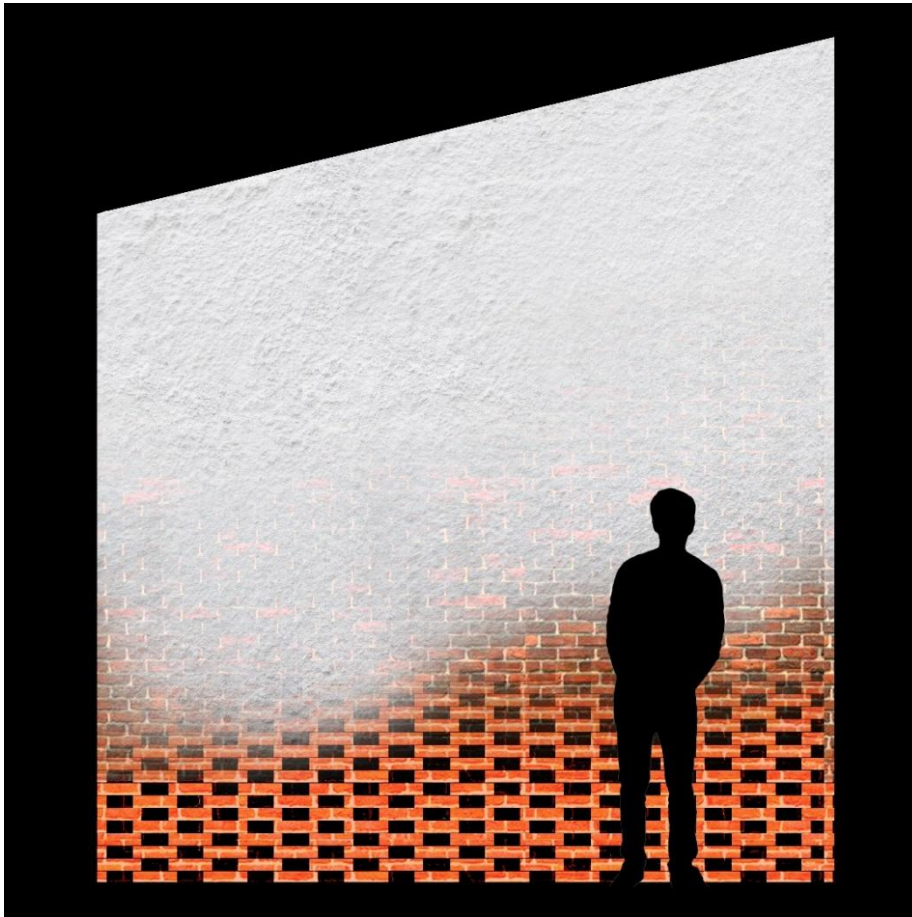
XYZ Brick Organ Pavilion Cooling Conceptual Base Brick Concept Render – Solid Brick Surfaces acting as a Thermal Chimney to store heat high above the users of the Pavilion.



XYZ Brick Organ Pavilion Naturally Cooling Process – Experiments with passive thermal regulation, showing the use of the Solid Brick surface in effect, showing the movement of hot air rising as a result of a mini vacuum created above.

## About XYZ Wind Organ Pavilion Finish

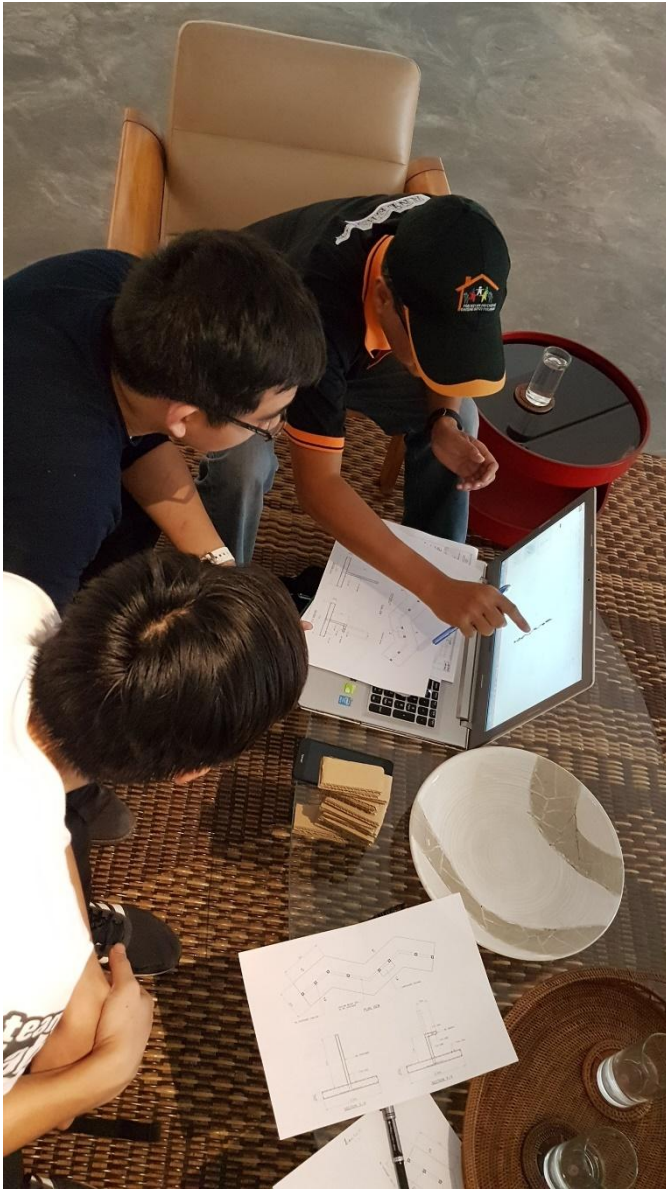
The XYZ Pavilion has a finishing coat made from plaster. Applied in a gradient manner—scrapped downwards across the height of the brick structure—the plaster sits as a heavy layer atop, and gradually decreases in thickness. This finishing touch enhances the overall appearance of the pavilion as a monolithic mass, as well as gives the viewer a sense of dramatic imbalance, given that the bottom of the brick wall seems weaker. The structure thus can also be used as a canvas for projection-based works.



XYZ Wind Organ Pavilion Plaster Finish Concept Render



## Development – Engineer Minco Meeting with XYZ Team, April 7





## Delivery of Materials, April 28





# Construction – The First Day, May 5th





## Construction – Reinforcing Foundations, May 6th





## Construction – Recycling the poles, May 11th





## Construction – The First Brick Layer , May 19th





## Construction – Foundation Layers, May 20<sup>th</sup>





## Construction – Even More Layers, May 29<sup>th</sup>





## Construction – More More Layers, June 2<sup>nd</sup>





## Construction – Layers, Layers & Layers, June 3<sup>rd</sup>





## Construction – Final Layer, June 17<sup>th</sup>



# Conversations...

## TELL US A BIT MORE ABOUT XYZ.

**Gary.**

XYZ started as a graduate initiative, to practice our creative talents outside the model of the architecture firm. The idea of XYZ is to create some sort of community service initiative that challenges the idea of contacts and people we interact with in architecture. It is a non-profit for the moment, rather than focusing on buildings we focus on bringing people together through the design and making process.

**Amos.**

Another way of looking at XYZ is to showcase what we can do as young architectural minds. Therefore PavilionNOW 2018 is an opportunity for young minds to work on interesting and meaningful projects. The Wind Organ structure reflects the bold and conceptual strides behind XYZ, courage being taken in approaching new ideas such as the incorporation of the present steel pipes, which are now ultimately the structure for the actual wind organ component.

## WHAT DO YOU THINK OF THE MATERIALS AND DESIGN FOR BRICK ORGAN?

**Amos.**

Well the brick material that is used for the main bulk of the construction of the Brick Organ actually inspired the cooling thermal component of the structure, not the other way round. The material itself often inspires the design, as it has here with PavilionNOW. PavilionNOW in fact has mostly been inspired by the materiality of the structure. The requirement of the re-use of the existing steel poles in fact also inspired the curvaceous shape of the wall, to allow them to be incorporated into the structure. Often the more requirements of a project, the more inventive we have to become!

## SUMMARIZE YOUR EXPERIENCE WITH SGFA.

Amos.

SGFA have always been so supportive, and this time its no different and we continue to be highly supportive and encouraged in our project ideas for the PavilionNOW. SGFA and Datin Shalini have shown us great confidence in our capabilities and talents, allowing us erect such a structure semi-permanently at their site!

## HOW DOES IT FEEL NOW TO BE IN CHARGE OF YOUR OWN PROJECT?

Jack.

This is a great opportunity for us to express what we've learnt, as now we're all currently working in architecture firms, carrying out the work as instructed, and not doing our own creative projects, not showing what we are truly capable of. It's a break from the corporate world.

Amos.

Being in charge of such a project as PavilionNOW allows us to prove we have talent. We are more than draftsmen. We are bright and creative minds.

Gary.

This allows us to expand the horizon of architecture practice. Not just sitting around waiting for a job, we are proactive creative beings, and XYZ and projects like PavlionNOW allows us to do this and not be tied down to one particular firm.

## HOW IS THIS PAVILION MALAYSIAN?

Amos.

The motives and nature of the bricks responds to very tropical heat of Malaysia. We are all Malaysia, and while there were no direct conscious decision to make it specifically Malaysian, the requirements of the structures make it a uniquely Malaysian. The aesthetically appearance thus are generated out of these Malaysian centric parameters of thermal temperate and environment.

Jack.

Form follows Function!

## WHAT ARE YOUR HOPES FOR THIS PROJECT?

Amos & Gary.

We hope that the SGFA's PavilionNOW 2018 Brick Organ will be the foundation for a strong continuing success for XYZ!

## WHAT ARE YOUR ASPIRATIONS FOR THE BRICK ORGAN PAVILION?

Loi Wei

We hope that it challenges people's perception of what a 'brick wall' can be. A brick wall doesn't have to be a straight line! The Brick Organ Pavilion challenges the very possibilities of the material.

Jack

Again, we hope that it does challenge people's perception, but in another regard to the handmade nature of the Brick Organ Pavilion. Such a parametric design is normally constructed with machines in the industry, but our project demonstrates the material knowledge of the handmade and strength in human craft, having built it completely ourselves from the ground up!

Amos

We hope that the completed Brick Organ Pavilion stays true to its initial inspiration in its parametric design! That while there will be a few deviations from the original render in order to make sure it stands strong and upright, that it will keep to its organic essence.

## WHAT ARE XYZ IMMEDIATE FUTURE PLANS?

Amos

Currently as we complete the Brick Organ Pavilion, XYZ are beginning to work on another project. This new project, works with low cost housing communities in developing plans and designs for their future, as well as a whole host of other creative design minds. This initiative is excitingly supported by Unicef!

Jack

As we work on the Unicef project, alongside proposals for another installations, we see the Brick Organ Pavilion as a springboard for obtaining these future design projects, in Malaysia and in the future further afield!

Amos

In the far future, we hope that projects like these become the crumbs of our identity, and we keep this spirit alive when XYZ become a fully-fledged architecture firm!

# PavilionNOW 2018 Team

*With many thanks to Brick Organ 2018 Team...*

Designer: XYZ

Team:

AMOS TAN CHI YI  
GARY YEOW JINN SHENG  
JACK TOO MUN FAI  
LOH WEI SHUEN  
CANISIUS BONG  
VIKKIE LEE PUI SAN  
LAI YIK XIN  
NG YI YANG  
SUZANNE KAN SOOK SAN



Project Coordinator and Developer: SHALINI GANENDRA FINE ART ADVISORY

Shalini Ganendra

Juliette Airoidi, Perrine Davari & Delfina Martinez Pandiani



*For further inquiry, please contact:*

## SHALINI GANENDRA FINE ART ADVISORY @ Gallery Residence

With over twenty years of experience and expertise developed through varied client and cultural projects, Shalini Ganendra Fine Art Advisory (SGFA) provides their clients with independent and full-service advisory . This ranges from collection management to negotiating terms and discounts. Led by Shalini Ganendra, SGFA possesses an exceptional level of curatorial intelligence and market expertise, which enables advice on all aspects of collection care, growth and enrichment by recommending acquisitions, collection strategy, publication and institutional connection. SGFA's specialisation is Asian contemporary and modern art, including artists with connection to Asia.

Shalini Ganendra specialises in Asian Contemporary and Modern Art, with particular focus on emerging regions, and artists connected to Asia. With over 20 years of experience advising arts organizations and individuals, she works closely with clients to formulate thoughtful strategies for entire collections or single works of art; to build, maintain and appraise museum quality collections; and to connect collections with institutions. Her expertise also extends to representing clients at auctions, in the salesrooms and in private treaty sales, to negotiate terms and discounts.

Shalini Ganendra sits on committees including: TATE Gallery Acquisitions Committee (SAAC) and Sovereign Art Prize. Past positions include: Commonwealth Art Awards (UK); inaugural Caochangdi Photofestival/ Photo d'Arles, (Beijing); and the Smithsonian Institution's SARF Award (Smithsonian Artist Research Fellowship).

SGFA manages the award winning Gallery Residence in Kuala Lumpur, which hosts exhibitions and events as well as educational and site specific projects.

No. 8 Lorong 16/7B, Section 16, 46350 Petaling Jaya, Selangor, Malaysia

T: +603 7932 4740

E: [admin@shaliniganendra.com](mailto:admin@shaliniganendra.com)

W: [www.shaliniganendra.com](http://www.shaliniganendra.com)

Fb: SGFA

Insta: sgfagallery