

20 21

Now and the Coming

TEMPLE OF VEDIC PLANETARIUM, PUNE



CURRENT AND FUTURE
WORKS

Jan-Feb 2021

From the Head Architect's Desk



DISCOVER, DEFINE, DEVELOP, AND DELIVER

Every design, be it Architecture or any other product begins with wide research and thinking and through definition is narrowed down to a focus on design objectives to deliver a viable design solution.

The same has been with the ToVP. It has been a constant process of research and development and a long process of to and fro for execution too. A detailed flow chart is shown in the pages to follow.

The team has been working in full strength on various elements of the ToVP in the form of design, production, and installation. Here are some glimpses of our ongoing and upcoming works!

VARSHA SHARMA
VILASINI DD



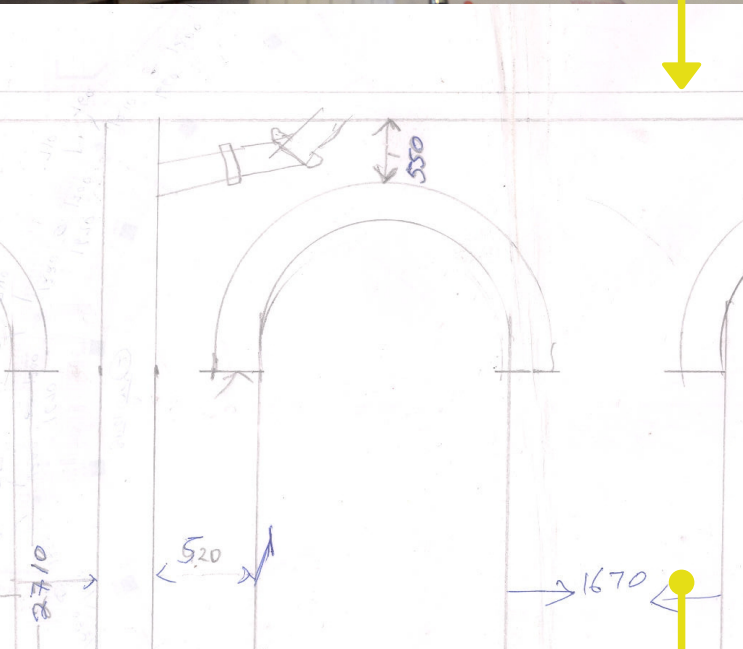
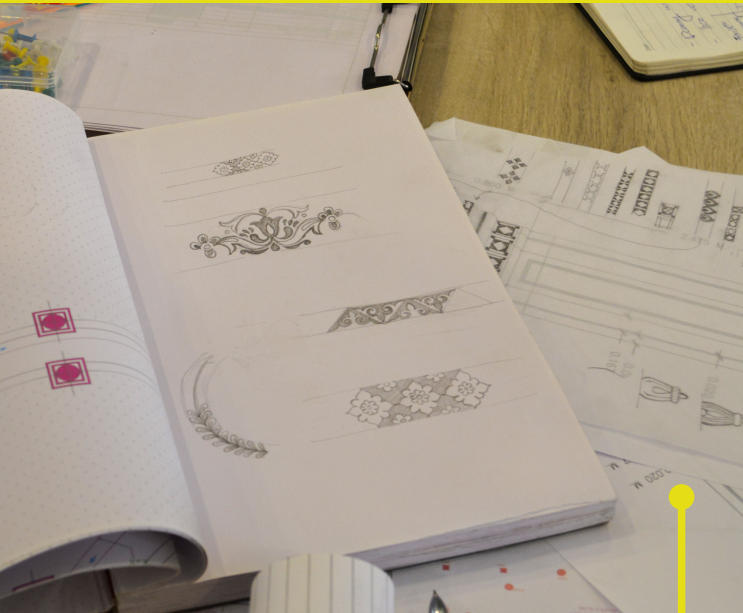
"There is a powerful driving force inside every human being that, once unleashed, can make any vision, dream, or desire a reality."

THE PROCESS- GOING BACK AND FORTH

HOW IT WORKS

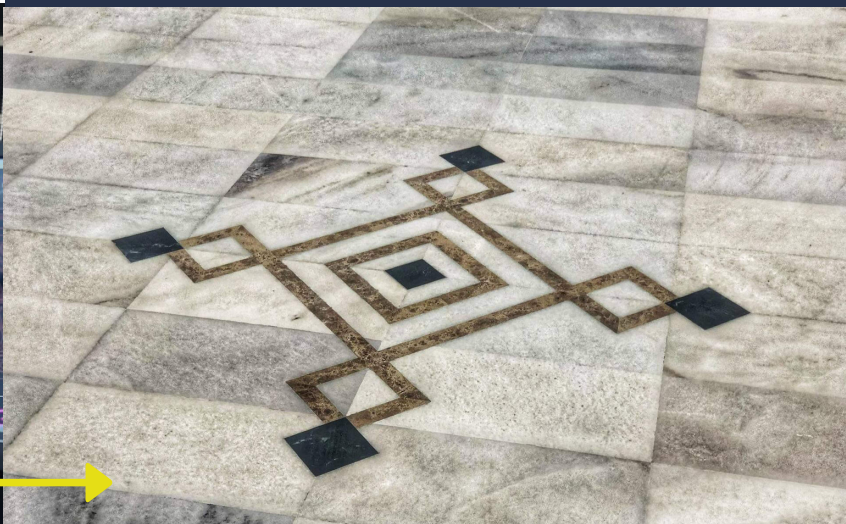
Creating a building is a long process. Breaking down an architecture project into design phases helps you organize your project into more manageable steps.

Architectural design is a thorough and systematic evaluation of the interrelated values, goals, facts, and needs of the building and the surroundings as well. A well-conceived process leads to high-quality design.



Because of a building's uniqueness, we invoke the first principles in each part of the Temple.

Although it may seem that we are "reinventing the wheel", we are in fact refining and improving the building delivery process.



FROM THE TOP

MACRO STUDY OF THE DESIGN PROCESS

1.

**PROGRAM
AND BRIEF**

2.

**SCHEMATIC
DESIGN**

3.

**DESIGN
DEVELOPMENT**

4.

VISUALIZATION

5.

APPROVAL

6.

**RELEASE FOR
CONSTRUCTION**

IN THE DETAILS

MICRO STUDY OF THE DESIGN PROCESS

1.

**ARCHITECTURAL
DRAWING**

2.

**RELEASE FOR
CONSTRUCTION**

3.

**SITE
ADAPTABILITY**

4.

**DESIGN
CHANGES**

5.

**FINAL DRAWING
FOR
CONSTRUCTION**

6.

**SITE
EXECUTION**

I N T H I S I S S U E

O N G O I N G W O R K S

1 DOME WINDOWS

2 LONG COLUMNS

3 RAILING FOR CATWALK

4 GRAND STAIRCASE

1 ELEPHANT COLUMNS

2 TERRACE COLUMNS

3 CEILING DESIGN

4 FRONT FACADE

5 STAIRCASE MURALS

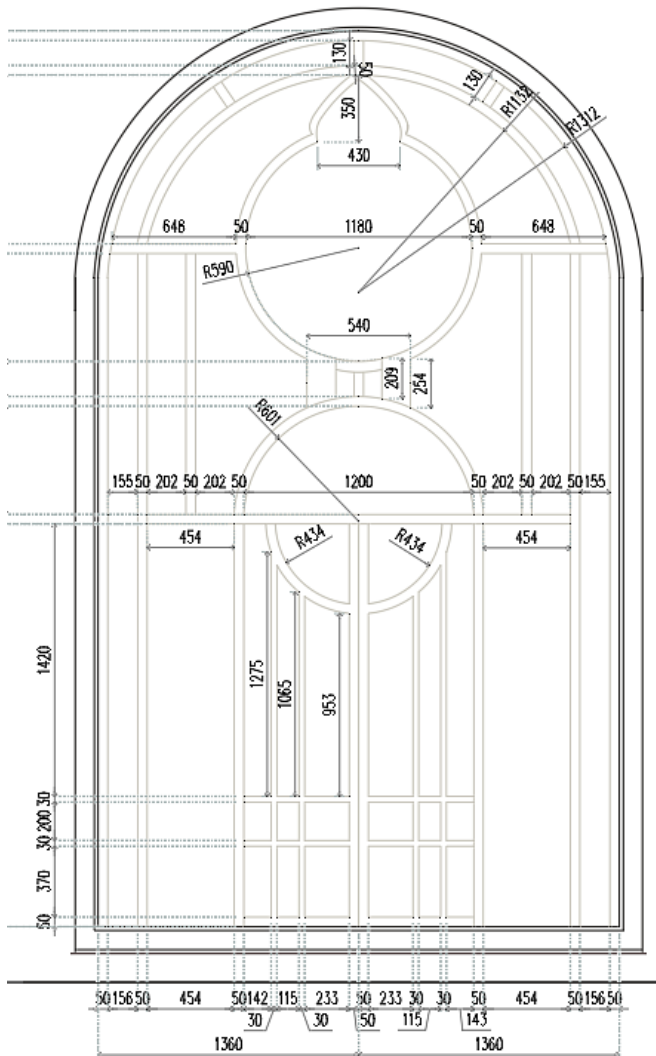
U P C O M I N G W O R K S

ONGOING WORKS

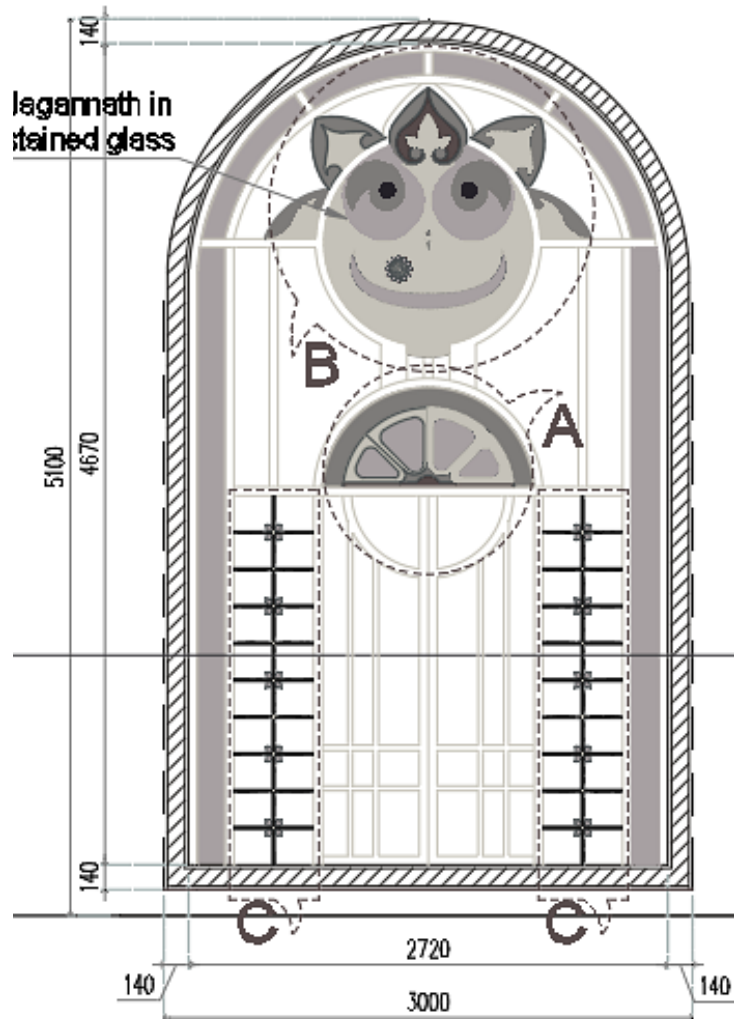


DOME WINDOWS

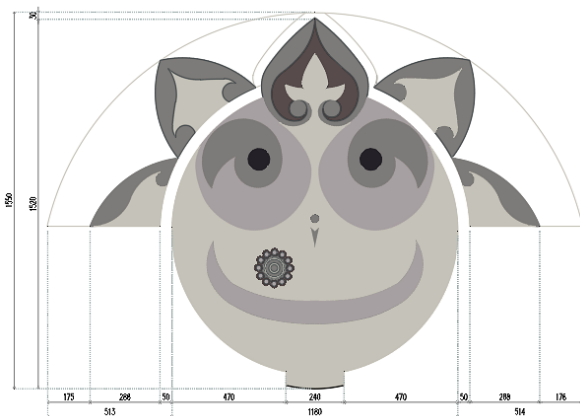
DETAIL DRAWINGS



WOODEN FRAME FOR WINDOWS



WINDOW ELEVATION

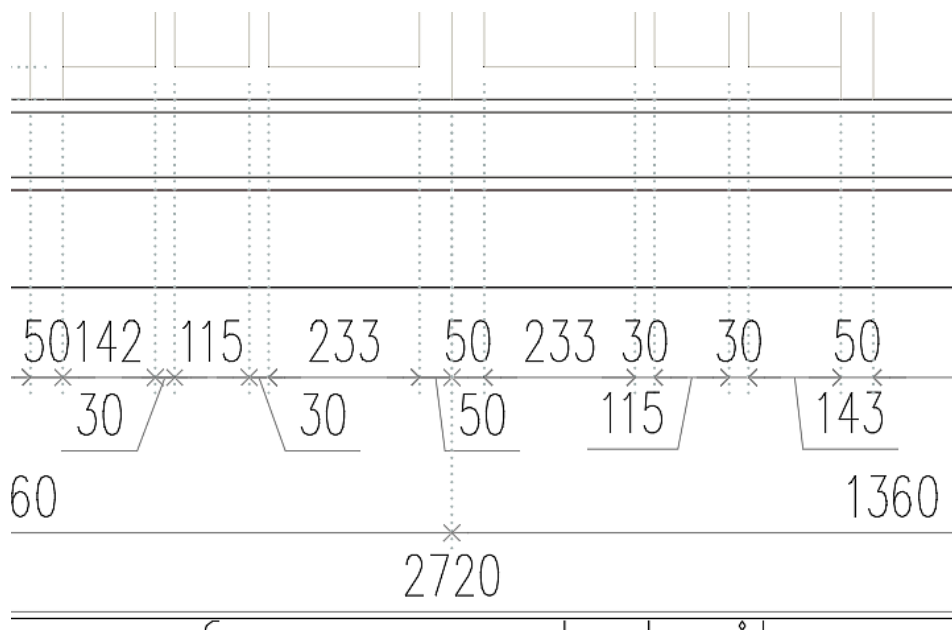


ORNAMENTATION DETAILS

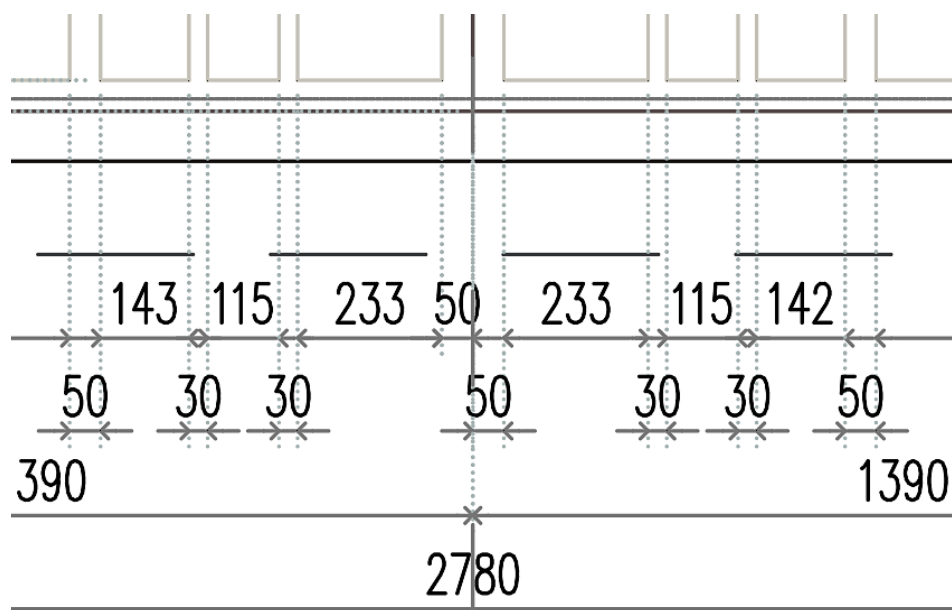
DOMES WINDOWS

CHANGES IN DESIGN

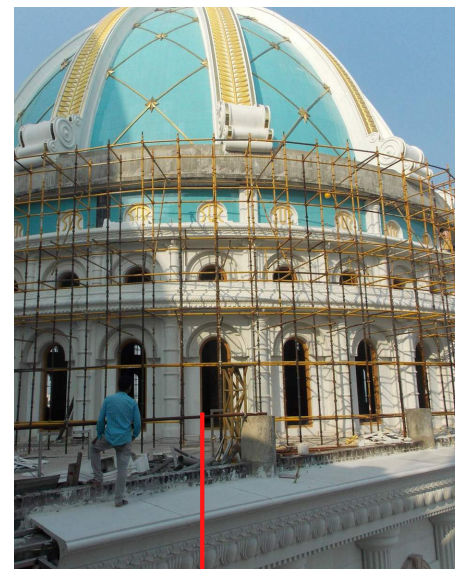
The major change in design for the window came with the change in drawing from the frame dimensions



**BEFORE
2720MM**

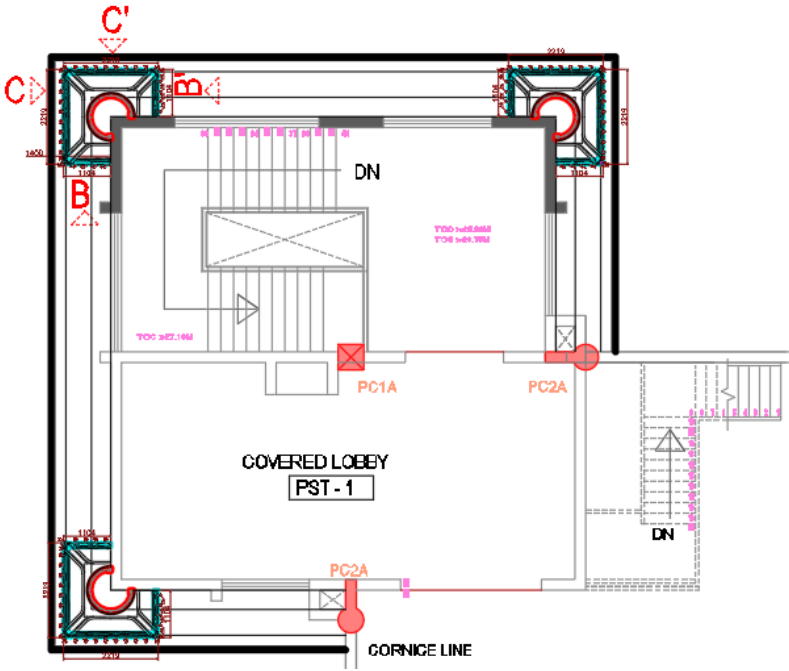


**AFTER
2780MM**

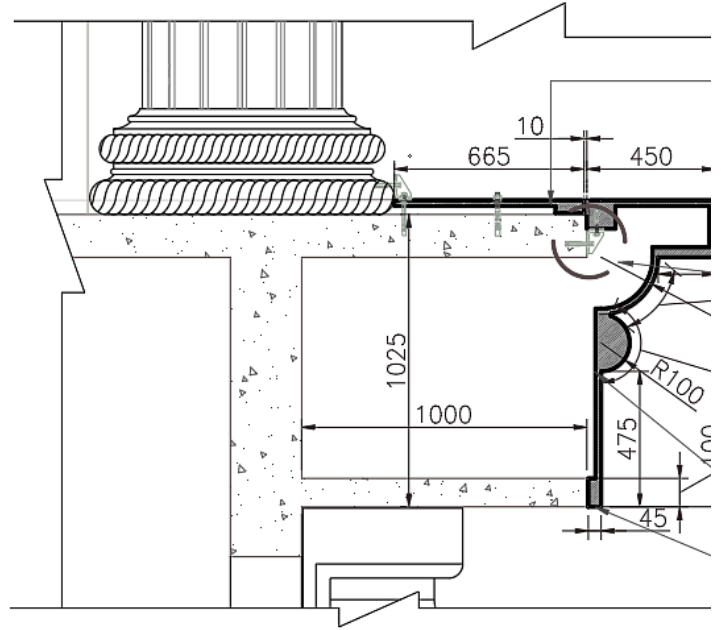


LONG COLUMNS

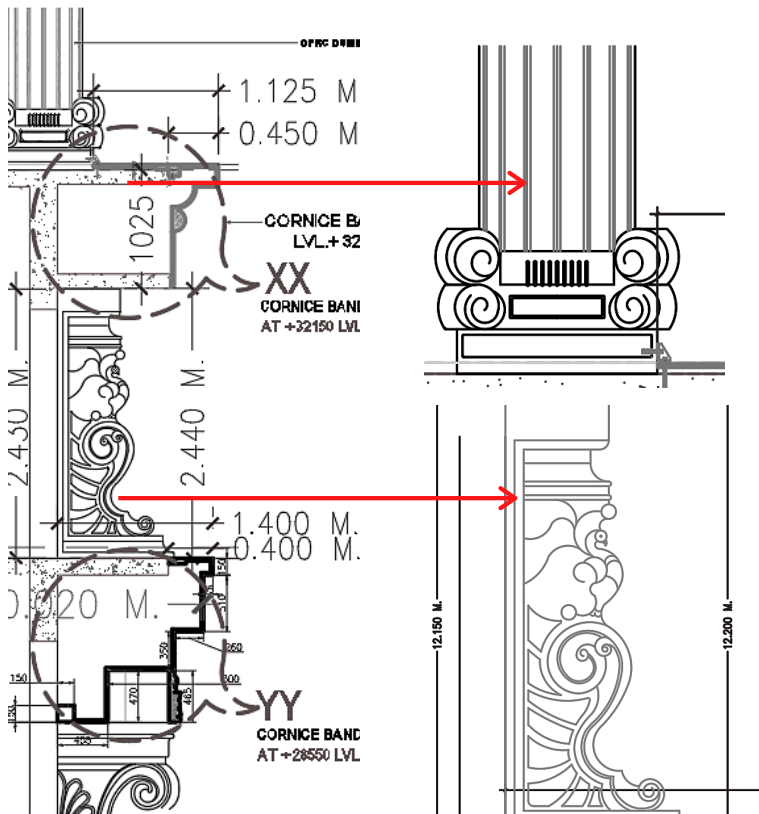
DETAIL DRAWINGS



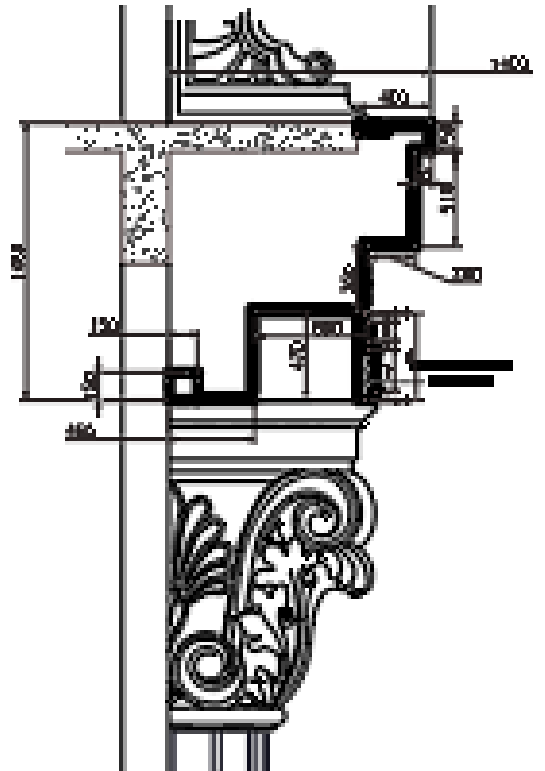
CORNICE BAND LOCATION



DETAILED SECTION



ELEMENTS SURROUNDING CORNICE BAND

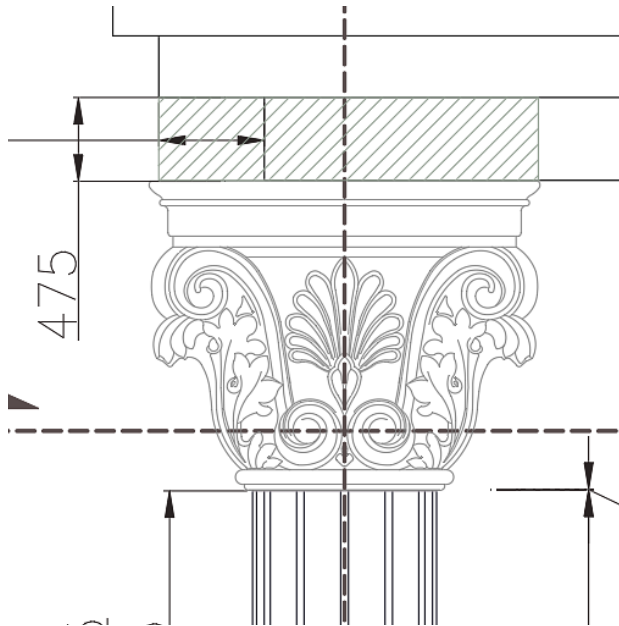


LOWER CORNICE BAND DETAIL

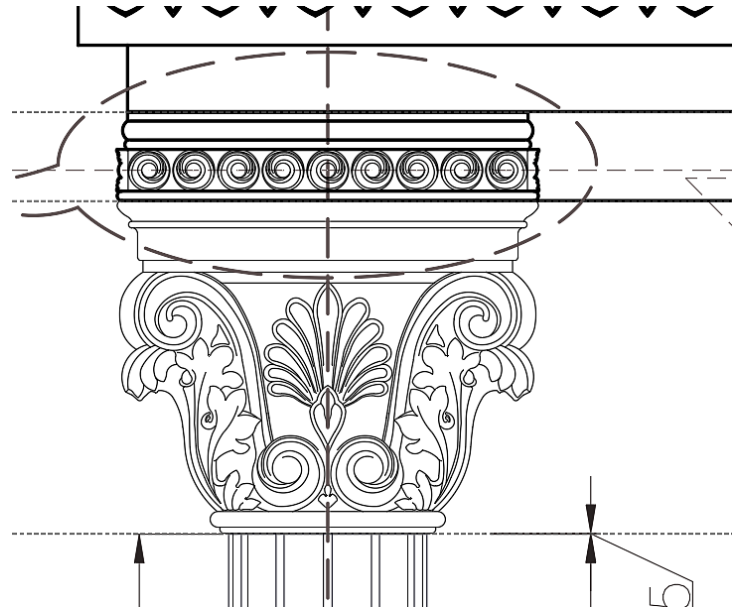
LONG COLUMNS

CHANGES IN DESIGN

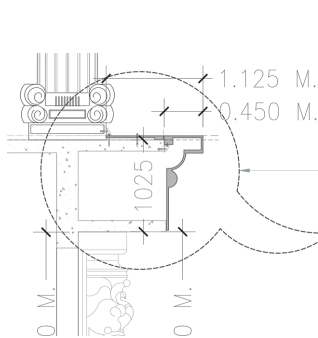
Due to a difference in the height, a small cornice was added on top of the capital



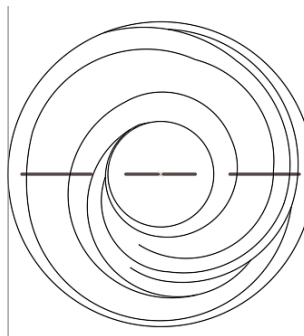
BEFORE



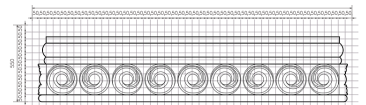
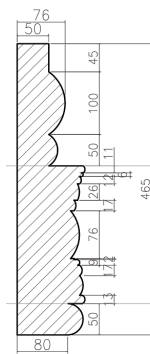
AFTER CORNICE ADDED



2



2



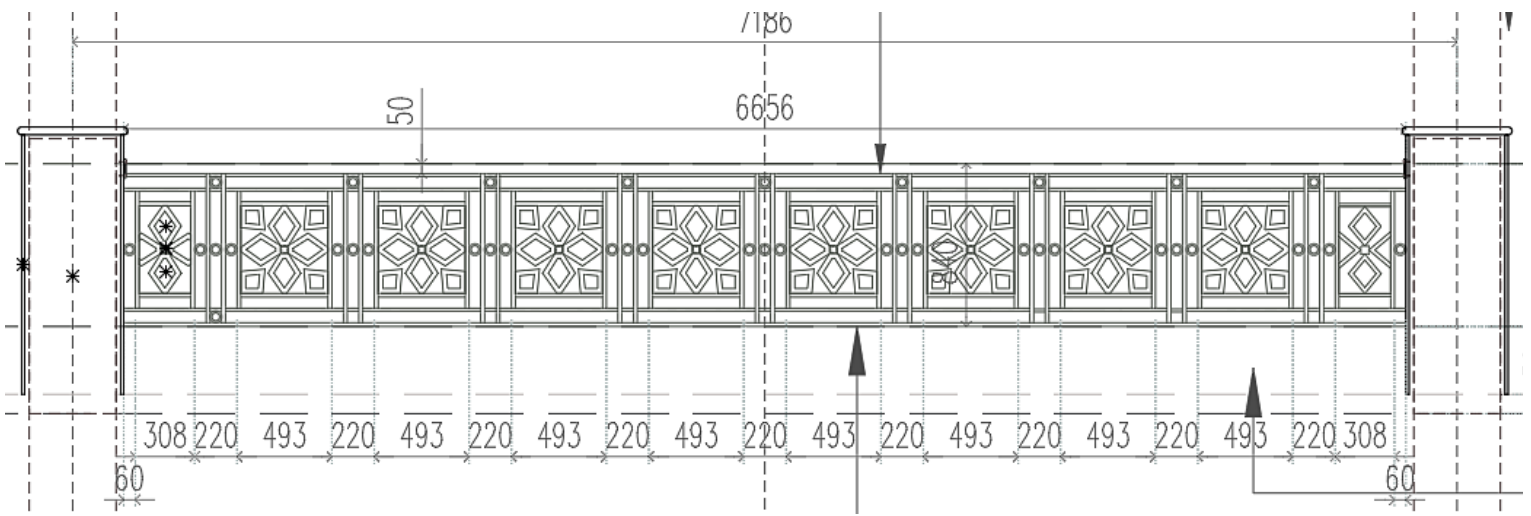
CORNICE DETAILS



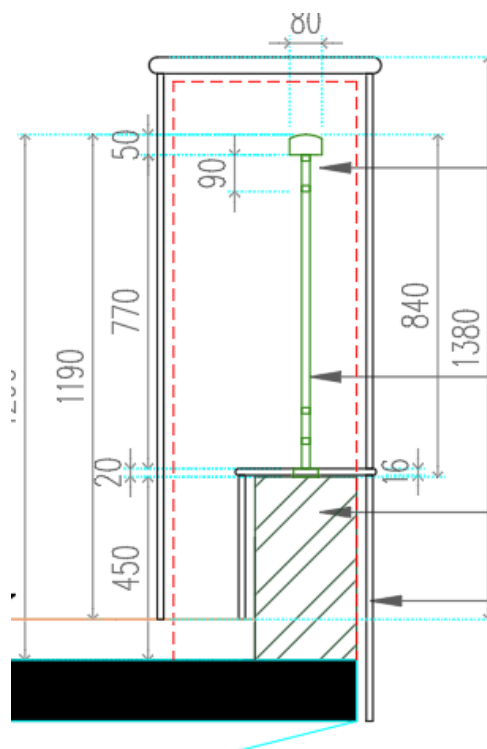
SITE DEVELOPMENT

RAILING FOR CATWALK

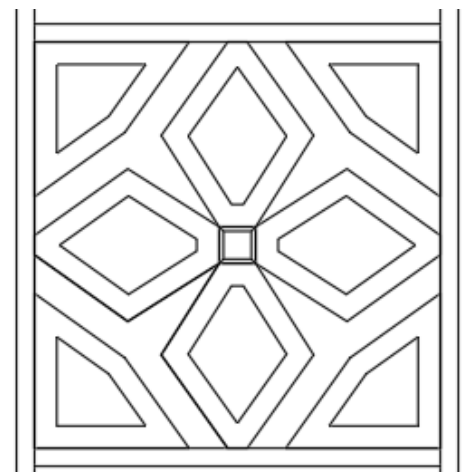
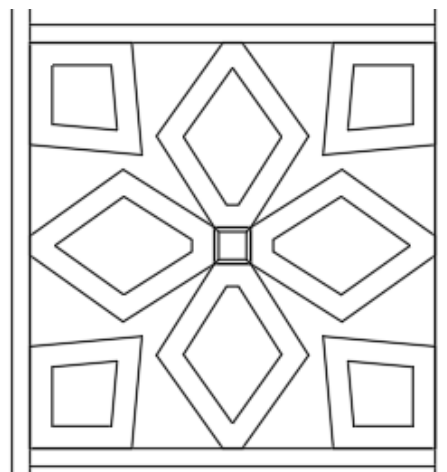
DETAIL DRAWINGS



OPENED OUT ELEVATION



SECTION

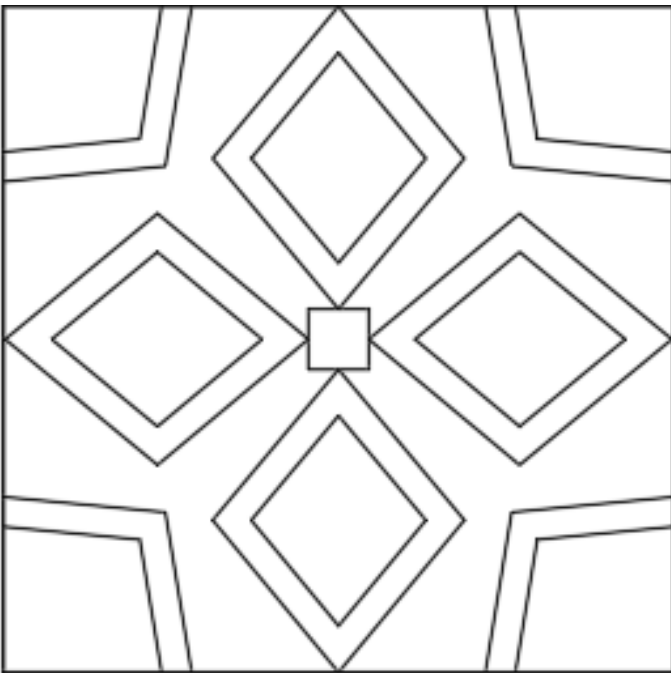


BAY DESIGN OPTIONS

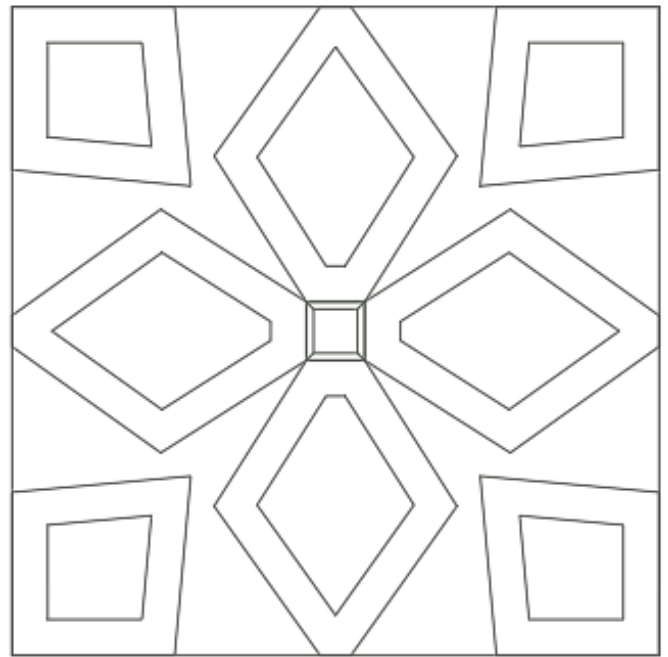
RAILING FOR CATWALK

CHANGES IN DESIGN

The voids in between the bays had to be resized for safety purposes.



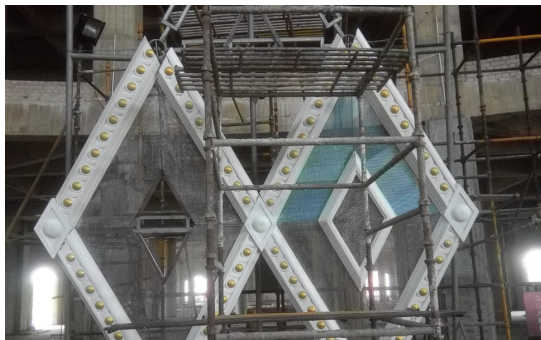
BEFORE



**AFTER
CHANGES IN VOIDS**



**LOCATION-
RAILING**



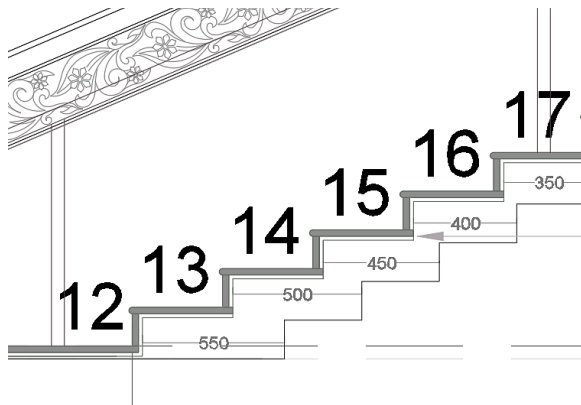
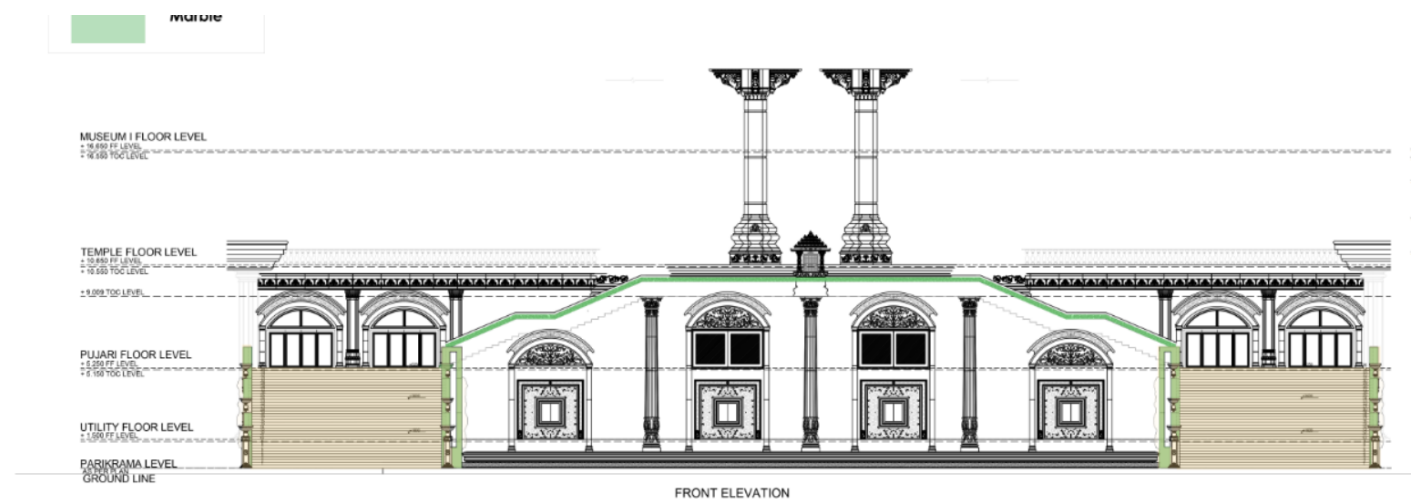
MATERIALS FOR PANELS



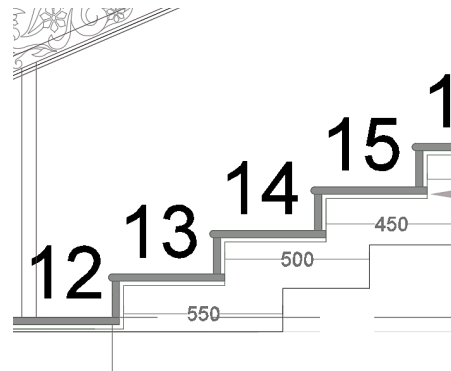
GRAND STAIRCASE

CHANGES IN DESIGN

For added comfort of the pilgrims, the tread sizes are proposed to increase.



BEFORE



**AFTER
TREAD SIZE CHANGED**

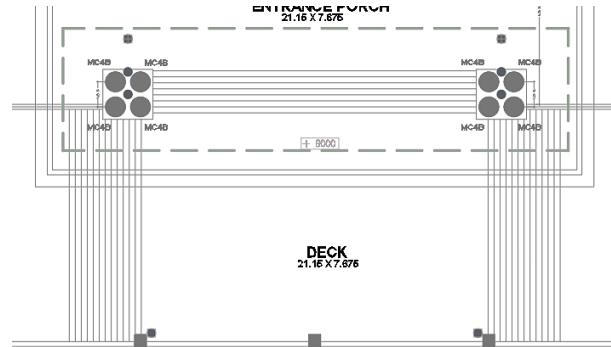
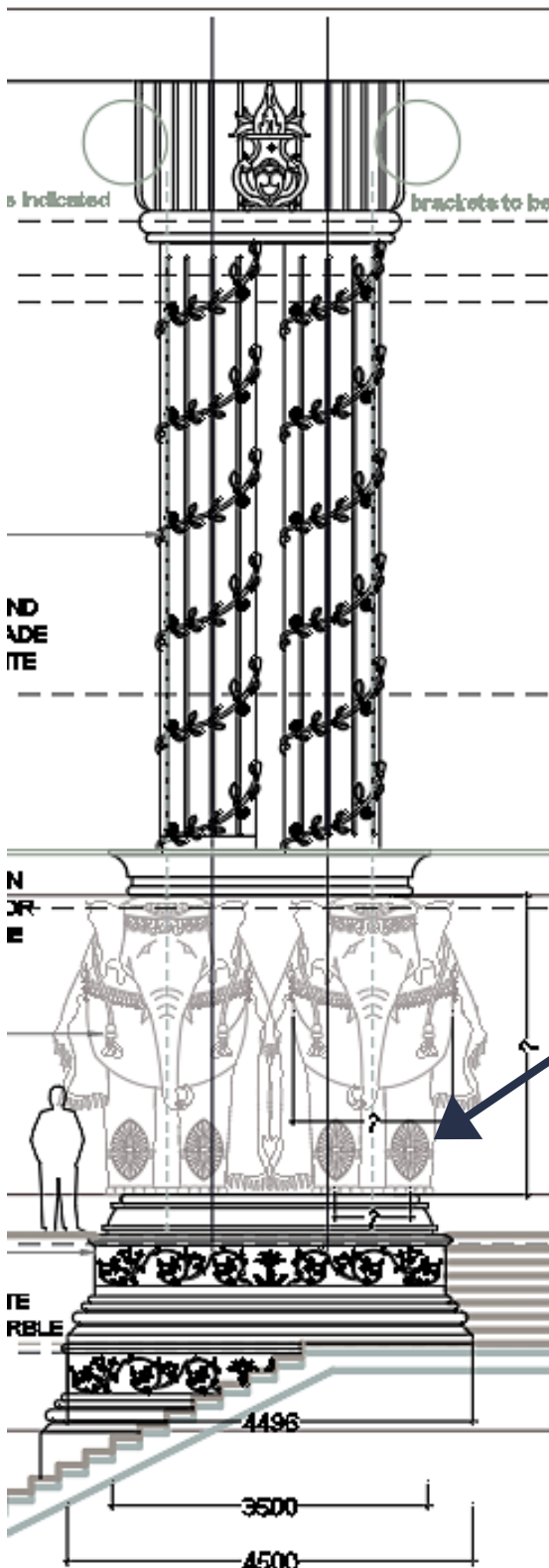


SITE DEVELOPMENT

UPCOMING WORKS



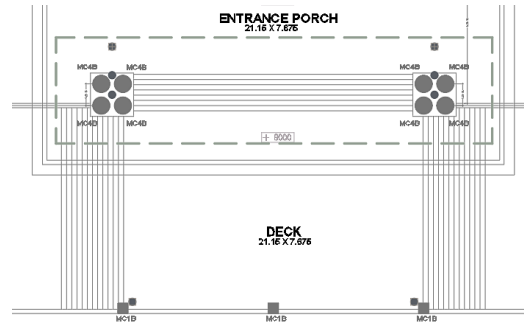
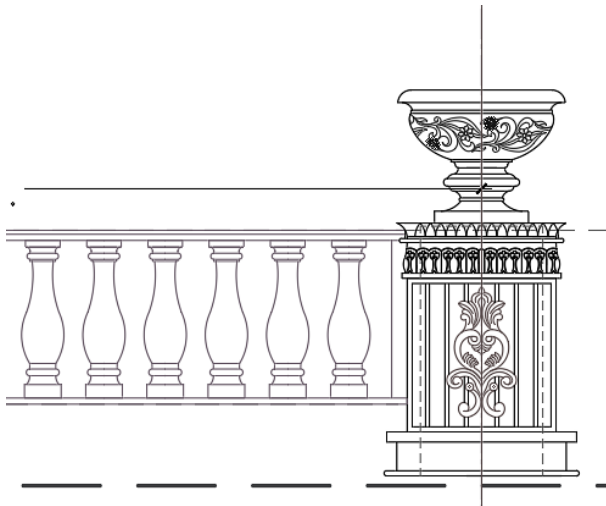
ELEPHANT COLUMNS



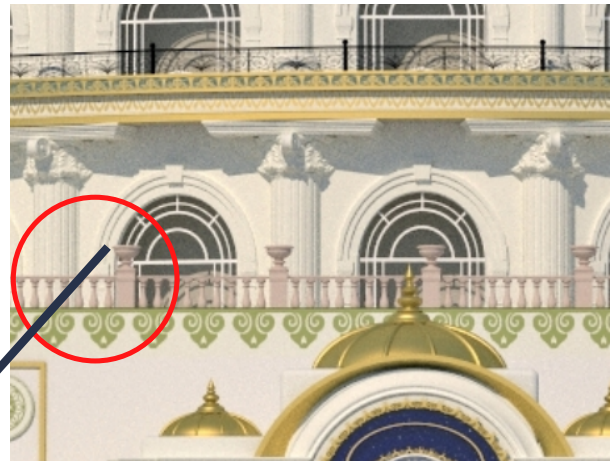
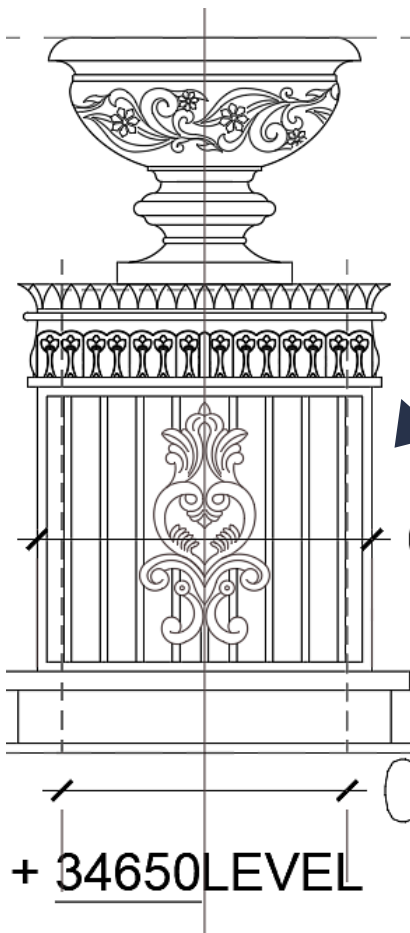
KEY PLAN



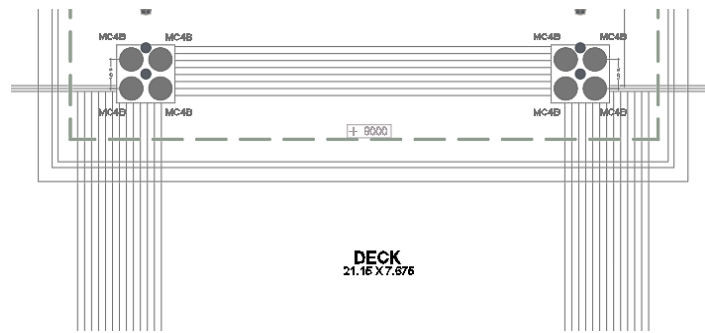
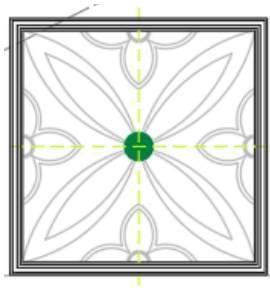
TERRACE COLUMNS



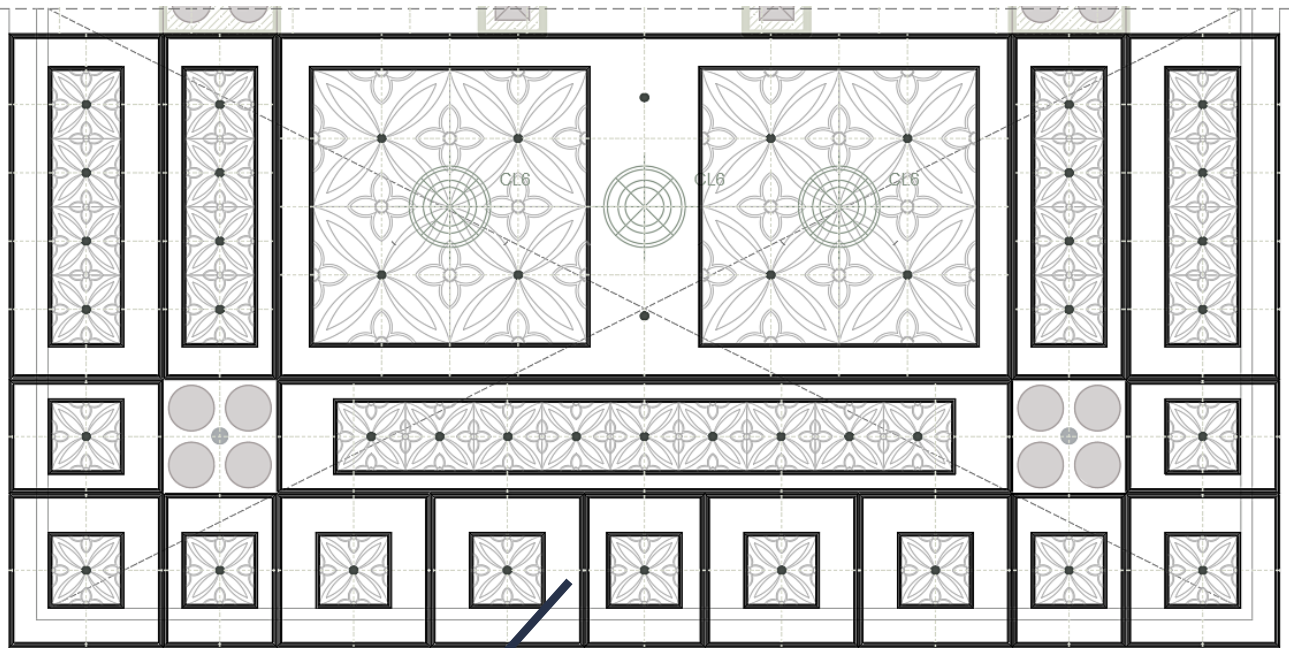
KEY PLAN



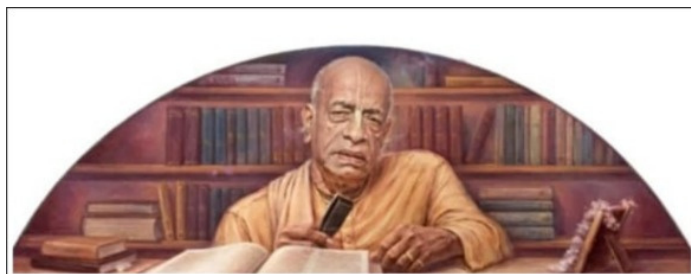
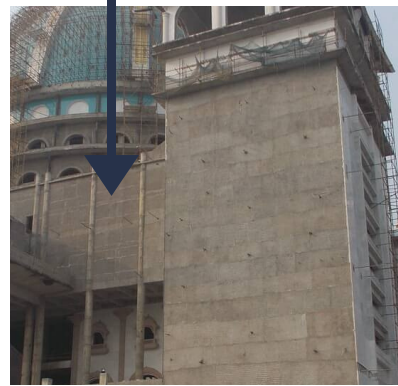
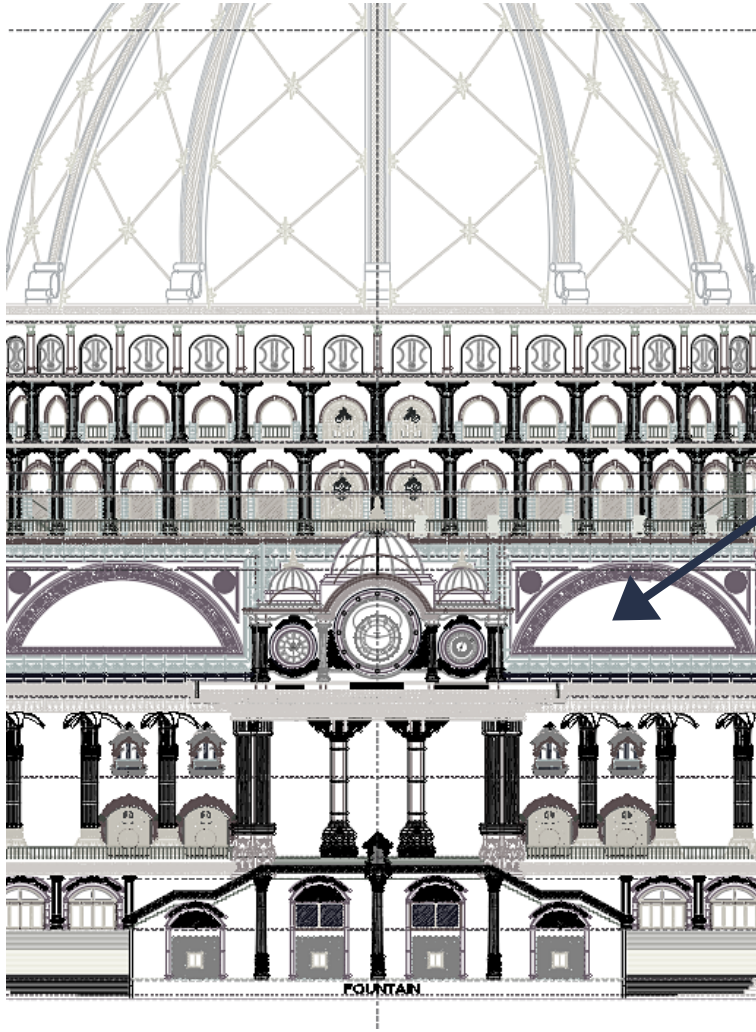
CEILING DESIGN



DECK
21.16 X 7.676



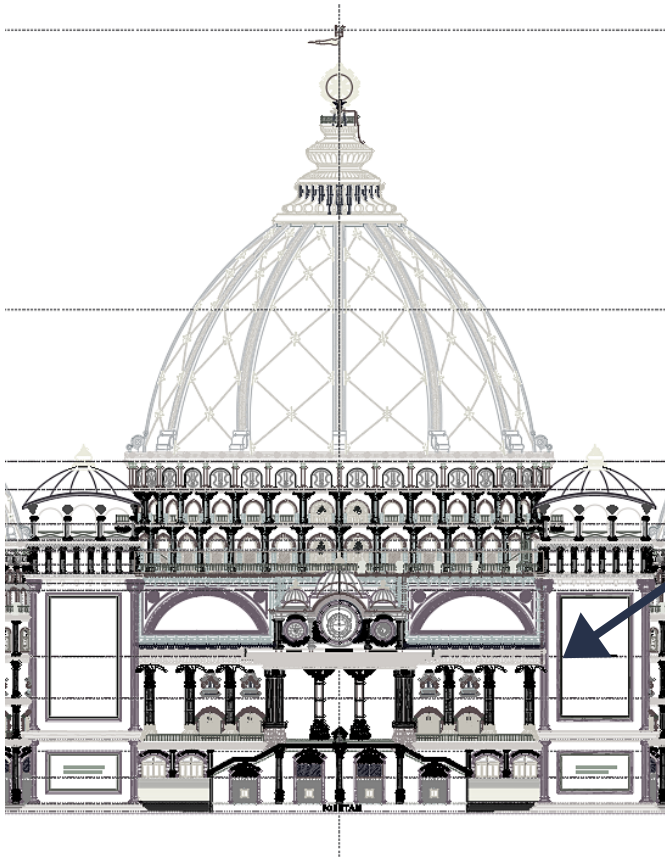
FRONT FACADE



ARTIST'S SKETCHES



STAIRCASE MURALS

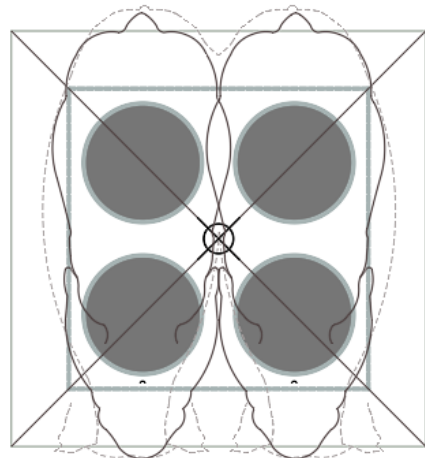
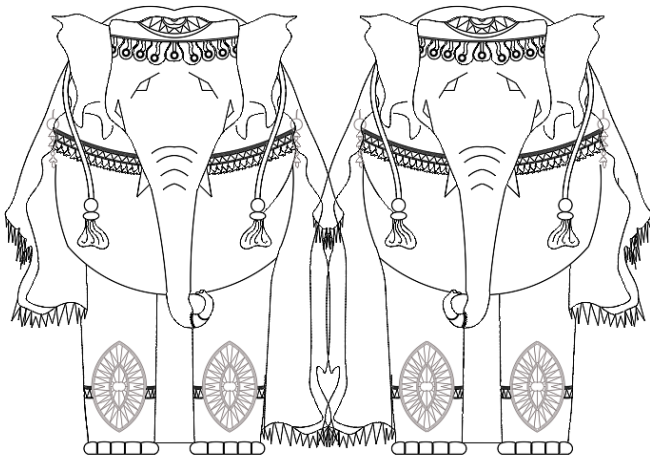
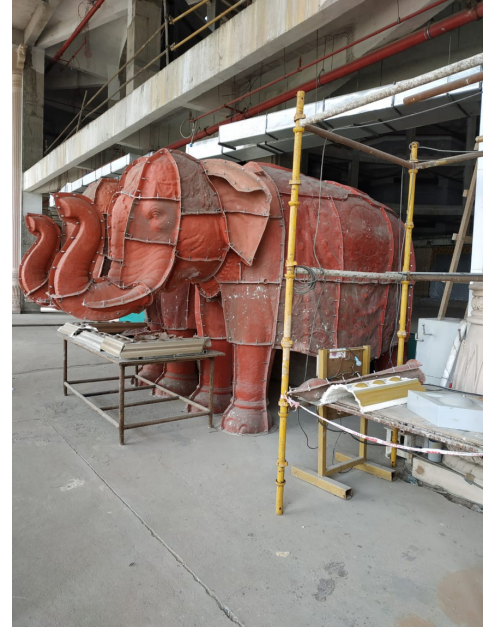


MURAL REPRESENTATION

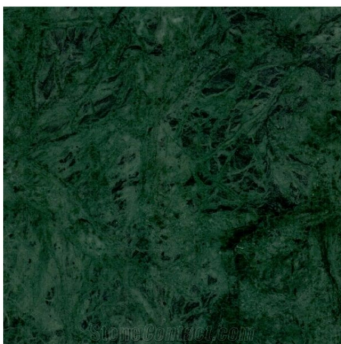


JALI SIDES OF STAIRCASE TOWERS

MARBLE SAMPLING



MARBLE SAMPLES



#1



#2



#3



#4

IN OTHER NEWS

AN INITIATIVE FOR THE ENVIRONMENT AS ARCHITECTS



OUR MISSION & VISION

The TOVP Architecture Department, Pune recently came across Rudra Environmental Solutions, which works towards generating a better living environment by creating awareness amongst the society about how to collect, segregate and recycle plastic.

Each team member made it a point to come up with their own slogans and posters to be put up at various historical sites of Pune as an attempt towards creating awareness for better environmental practices.

"The earth is what we all have in common."

IN OTHER NEWS

AN INITIATIVE FOR THE ENVIRONMENT AS ARCHITECTS



Do Your Share!

THIS LAND IS ANOINTED WITH THE BLOOD OF OUR
HEROES. IT DOES NOT DESERVE YOUR PLASTIC WASTE.

Varsha Sharma



TOVP ARCHITECTURE OFFICE, PUNE



OUR MISSION & VISION

Plastic pollution has become one of the most pressing environmental issues, as the rapidly increasing production of disposable plastic products overwhelms the world's ability to deal with them.

We as architects can also make a small difference to the environment with our lifestyle habits. As a team, we came together and made up a few awareness posters to have put up in some of the common places of visits.

*"The earth is what we all
have in common."*