



TOVP ARCHITECTURE DEPARTMENT
PUNE

2020
A REPORT

A YEAR TO REMEMBER

2 0 2 0

FROM THE HEAD ARCHITECT'S DESK

snippets from my journal

Gazing out from the window of our lockdown home, I observed the green parrots with their sharptails and the distant hills as though shaped and textured by divine fingers passing its way through the mounts.

The entire world is locked. Not a country is spared! How glaring is that? Is it an anomaly or a cure?

The lofty talks of architectural sustainability and green buildings alone... is surely not adequate.

The earth, our shelter where we step every day, breathe every moment - is undergoing a major crisis - a catastrophe.



Could one little bug be so powerful to speed break a divine prophecy? Or is there something much deeper that is not yet explored?

Sounds of drilling machines, hammers, and marbles. Smells of wet concrete, and dust of cutting stones. Sights of scaffolding and busy helmets appear like the movement of ants amidst blue domes - all comes to an uncertain halt.

Organize... plan... and then execute. A job well planned is half the job done! The difference between an evolved thinker and a regular thinker is the ability to respond.

Leading the TOVP Architecture Team, we felt the responsibility to respond to this world catastrophe, as an individual, and as a team. The team in its full gusto has responded very successfully by using this time efficiently in detailed planning, drawings, details

**-VARSHA SHARMA
(VILASINI DD)**

MONTHLY HIGHLIGHTS

JANUARY

Budget Meeting



FEBRUARY

GBC Meeting



MARCH

Sthapati in Pune



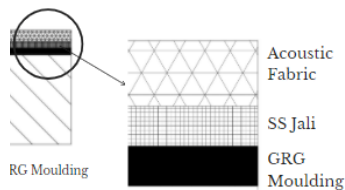
APRIL

Green Marble



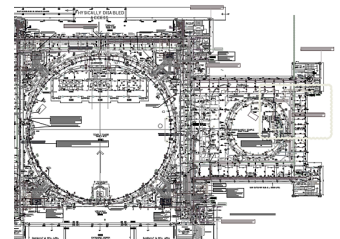
MAY

Materials for RCP



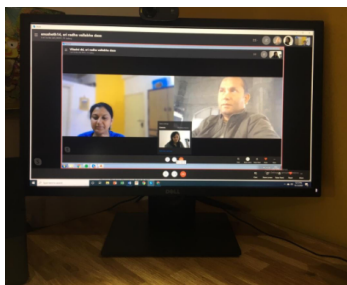
JUNE

Final RCP Drawings



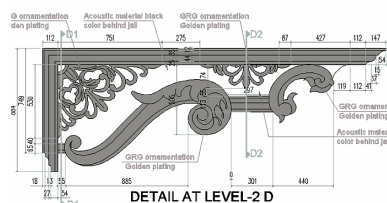
JULY

In House Meeting



AUGUST

Conclusion of ND wing drgs



SEPTEMBER

Site Opening



OCTOBER

Targets for 2022-
Exterior works



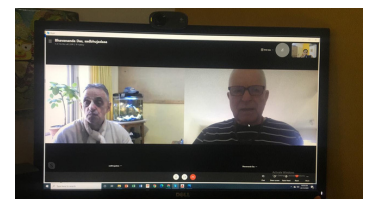
NOVEMBER

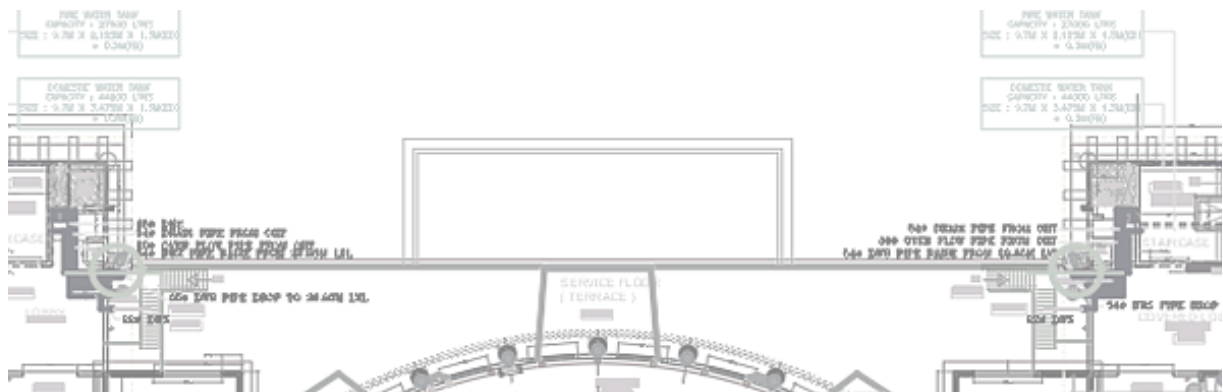
In House Meeting



DECEMBER

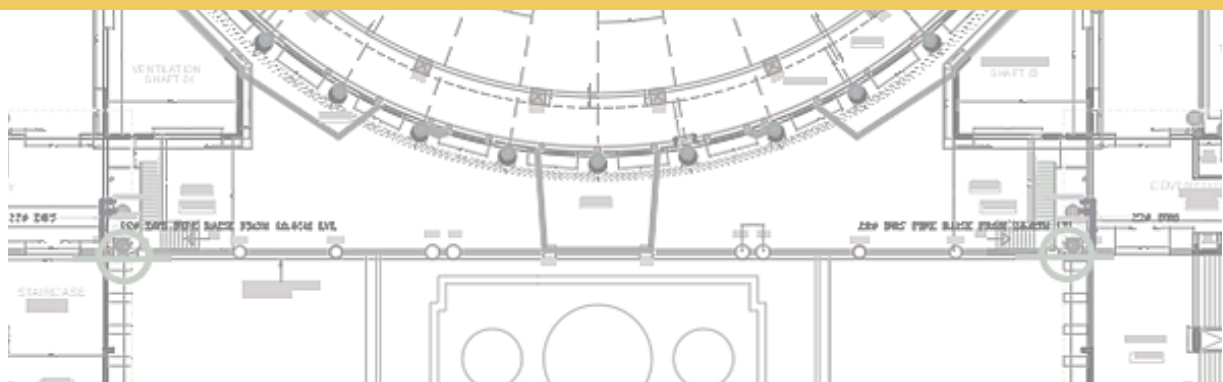
Exterior Designs



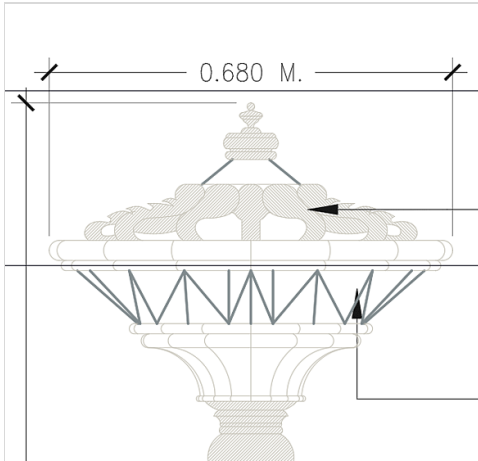


Architectural Drawings

2020

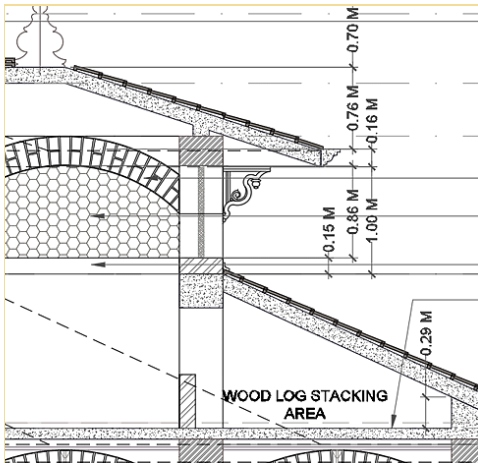


JANUARY



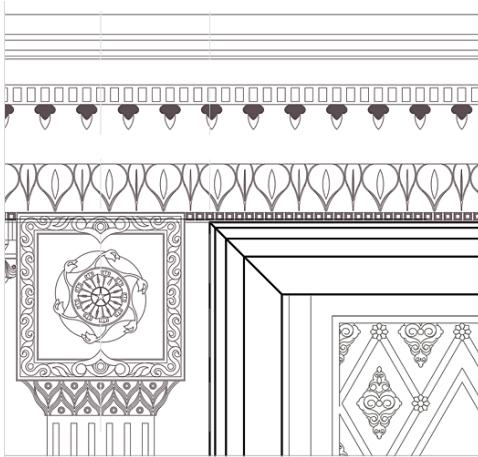
LIGHT FIXTURE DETAILS

1. Main Podium Column
2. Narsimhadev Podium Column
3. Passages and Lobbies
4. Parikrama Area and Front Verandah
5. Entrance Porch



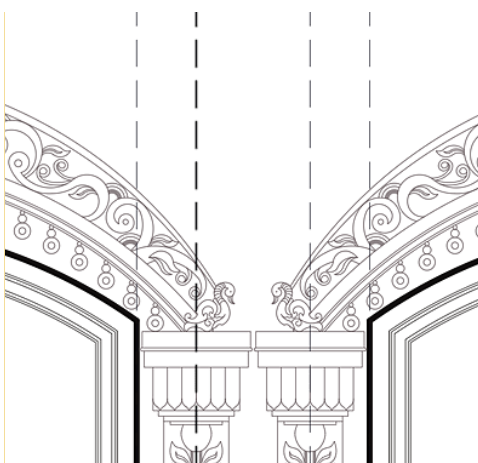
YAJNA SHELTER

1. Plans
2. Elevations
3. Sections
4. Centre Line
5. Ornamentation
6. Jali Details



SANDSTONE WORKS

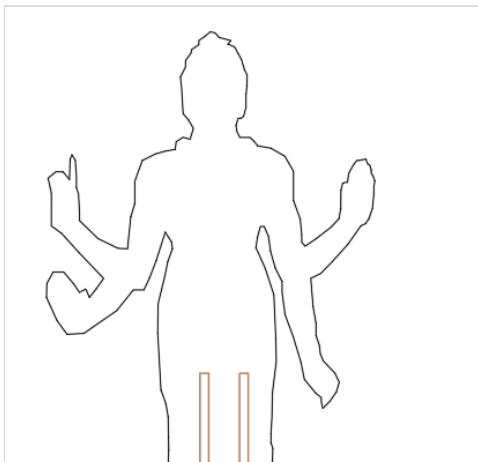
1. Plans
2. Sections
3. Cladding



CUT ELEVATIONS

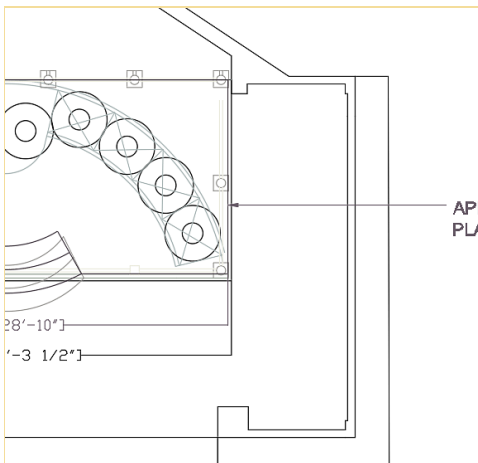
1. Level Plans
2. Elevations
3. Arches
4. Columns
5. Door sizes

FEBRUARY



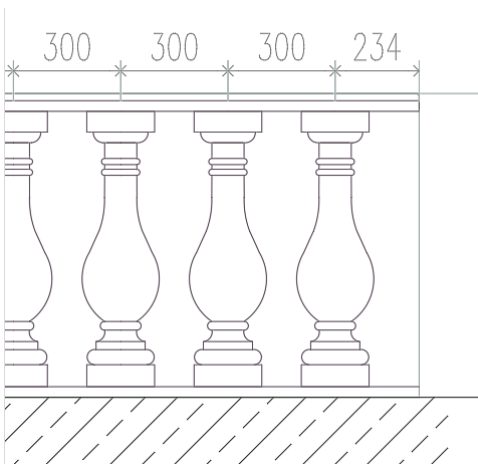
DEMIGODS

1. Bramha
2. Sunanda
3. Shiva
4. Nanda
5. Laxmi
6. Indra
7. Garuda
8. Manu



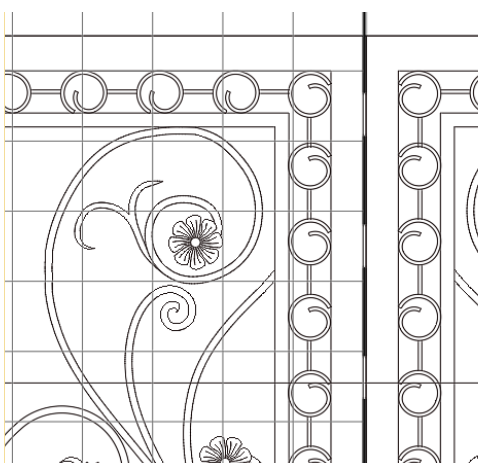
MAIN ALTAR PLATFORM

1. Plans
2. Elevations
3. Sections
4. Details



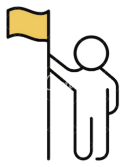
SANDSTONE BALUSTRADE

1. Typical Elevations
2. Bottom level plans
3. Top level plans
4. Options



GATE DESIGNS

1. Level Plans
2. Ornamentation Details
3. Panel Details
4. External Elevations
5. Internal Elevations



AT THE TOP IN FEBRUARY

*Holding the Vision,
Trusting the Process*



PUJARI FLOOR OPENING

There is no greater satisfaction than serving The Lord. Thus designing spaces for the servants of The Lord is an honourable service in itself. The team is truly honoured and elated on the successful achievement of yet another milestone.



VISITS

"The shower of affection and empowerment from our beloved chairman, Alfred Ford (Ambarisa Prabhu), is a refreshing inspiration in the marathon of this iconic building.

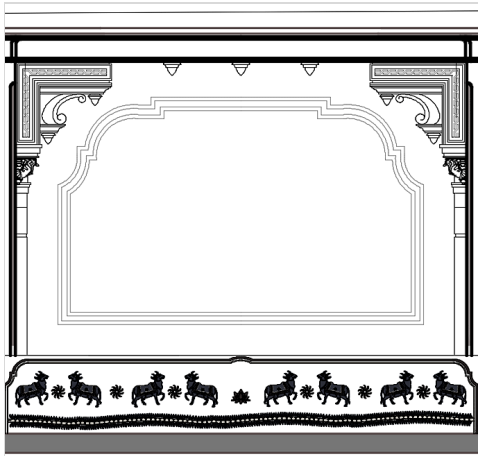


VENDOR MEETINGS

The stone and light work that will be undertaken in the Temple Floor is designed in the most exotic, majestic style of architecture – a marriage of the traditional Indian methodology with that of an international stylistic nuance.

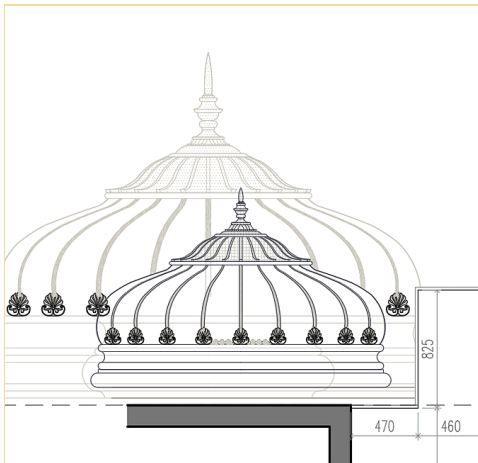


MARCH



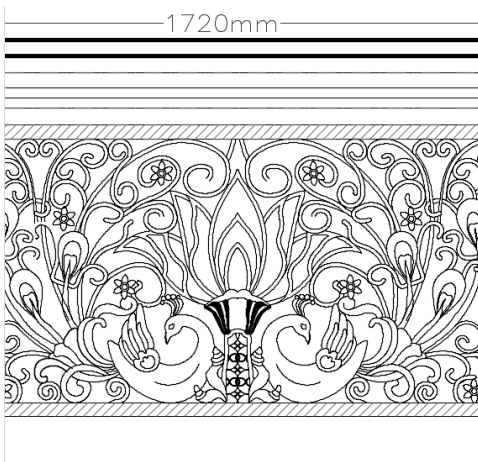
FESTIVAL ALTAR

- 1.Details
- 2.Plan
- 3.Sections
- 4.Elevations



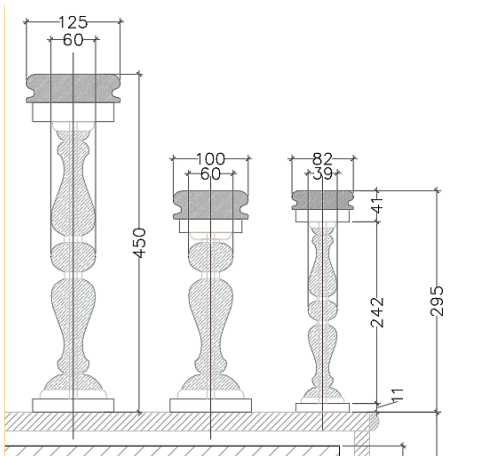
ALTAR DESIGN

- 1.Architectural Working
- 2.Domes
- 3.Shikhara
- 4.Dummy Columns
- 5.Platforms
- 6.Superstructure



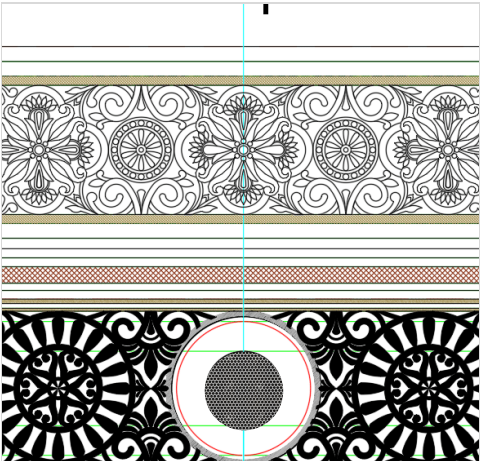
SP BRIDGE

- 1.Plans
- 2.Sections
- 3.Beam Drawings
- 4.Elevations
- 5.Cladding Details



CRYSTAL BALUSTRADE-RESEARCH

- 1.Plans
- 2.Cross sections
- 3.Elevations
- 4.Balustrade with platform



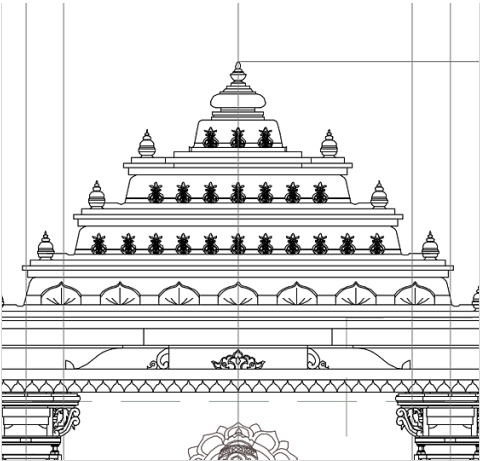
MAIN WING DIFFUSER LOCATION

- 1.Design
- 2.Location

Black Marble with Gold Jali and cornice	2.5 X 2.0	21	
Black and Green Marble with Gold Jali and cornice	1.47 X 8.2	32	
White Marble with Gold Jali and cornice	4.45 X 1.75	14	
White Marble with Gold Jali and cornice	0.93 x 0.56	28	
White Marble with Gold Jali and	1.09 X 0.58	44	

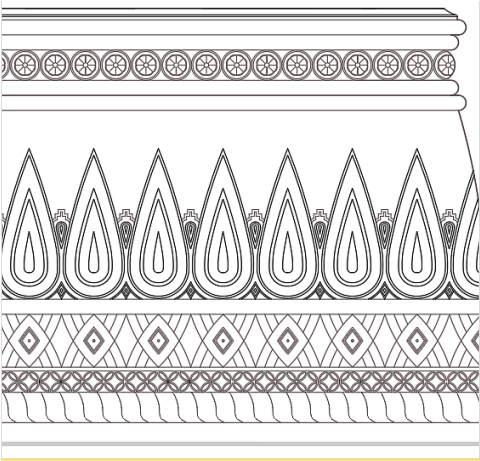
GOLDEN EMBELISHMENT WORKS AND ORGANIZATION

- 1.Narsimhadev Wing quantities
 - a.Railings
 - b.Cornices
 - c.Columns
 - d.Jalis
 - e.Altar



GARUDA

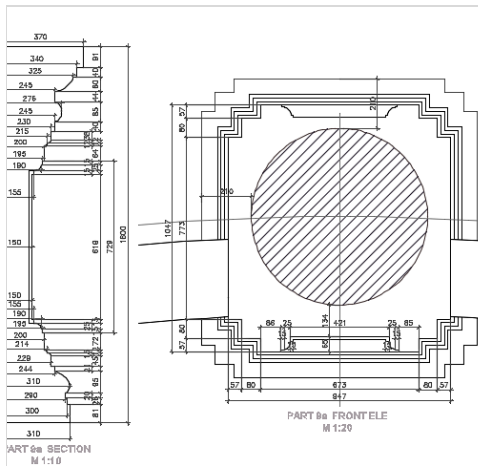
- 1.Kalash Details
- 2.Shrine Details
- 3.Roof top and base details



JAY VIJAY

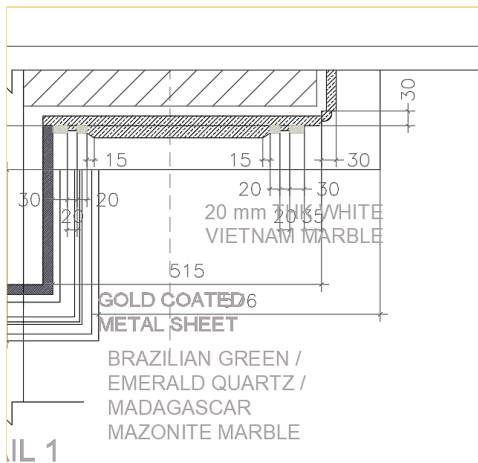
- 1.Marked in sections
- 2.Location on plan

MAY



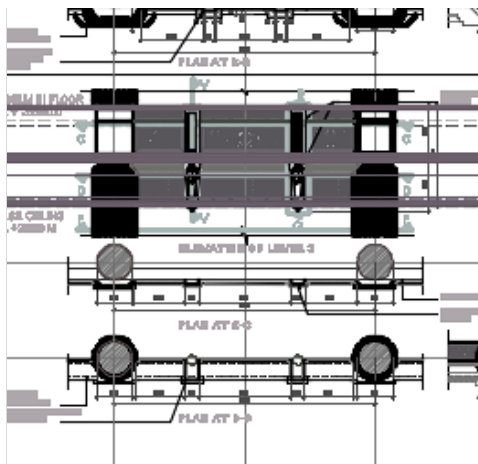
PODIUM COLUMN DETAILS

1. Wall Engaged Columns 2 Types
2. Podium Ring Columns-2 Types
3. Outer Ring Columns -4 Types
4. Free standing Columns
5. Expansion Joints



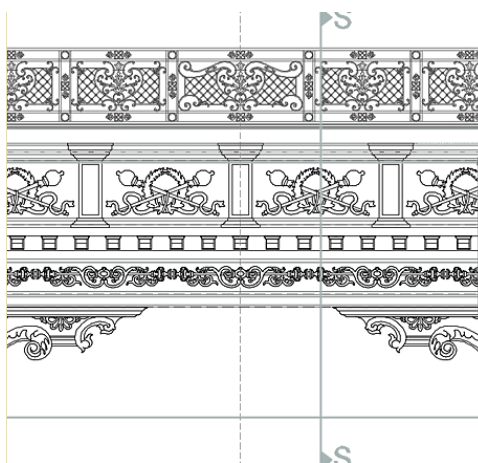
NARSIMHADEV WING DESIGNS AND MATERIALS

1. Green marble
2. Black marble
3. Gold plating
4. GRG



DRAWING CHECKING

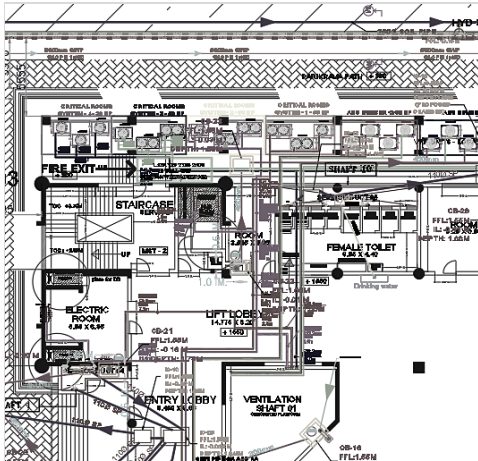
1. Levels
2. Accuracy in Details
3. Line overlaps and parallels
4. Co-ordinated Section and elevations
5. Co-ordinated Plans and Elevations
6. Accuracy in Nomenclature and Dimensions.



SINGLE COLUMN AND ARCH

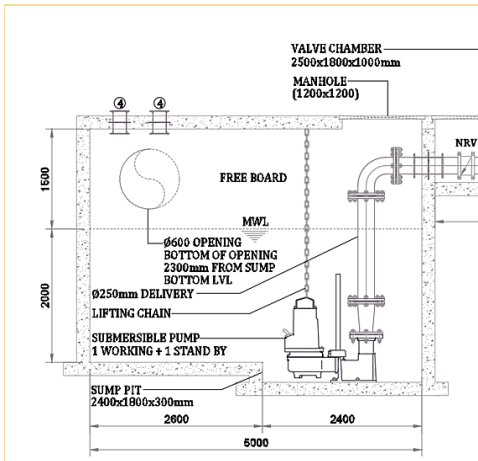
1. Column top and brackets
2. Jali facades
3. Railings
4. Podium column

JUNE



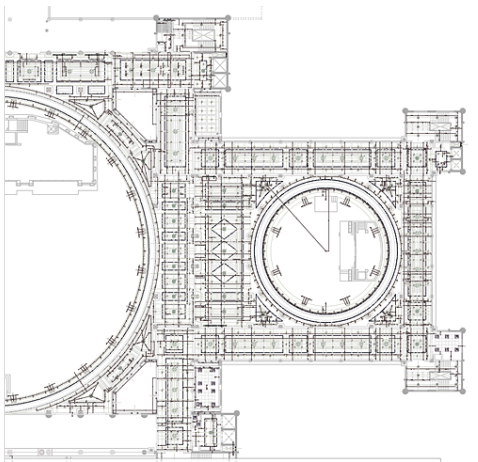
CO ORDINATED DRAWINGS

- 1.Fire Fighting
- 2.CCTV
- 3.Alarm System
- 4.Trap Door
- 5.HVAC
- 6.FPS
- 7.RCP Co-ordination



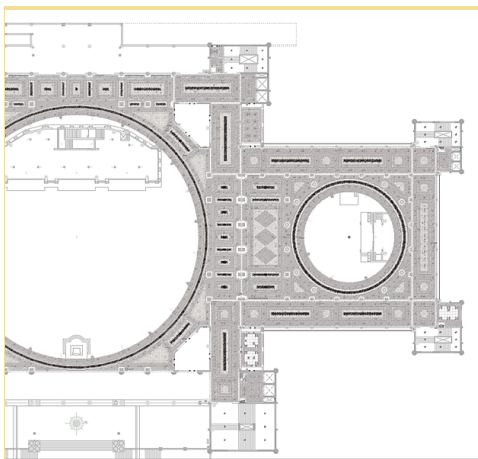
SUMP PUDDLE FLANGE DETAILS

- 1.Sump Opening Levels
- 2.Pump Stand by and Working
- 3.Sump Pits
- 4.Valves
- 5.Chambers



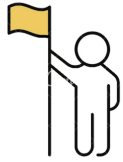
RCP LIGHTING DETAILED DRAWINGS

- 1.Position of lighting
- 2.Wiring and Concealing



RCP DRAWINGS FOR CEILING TYPES AN FINISHES

- 1.Asona
- 2.Jali With Perforation
- 3.GRG Ornamentation
- 4.Gypsum



AT THE TOP IN JUNE

Holding the Ceiling – heavens – sky – the crucial roof is now underway. Vision, Trusting the Process

REFLECTED CEILING PLANS

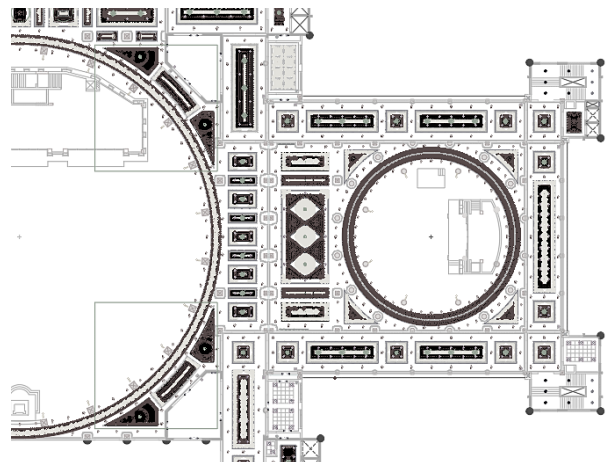
The reflected ceiling plans are very ornate and intricate works that involve multiple interdependences. It is a process that involves layers of changes on various fronts. All the services that are involved in designing the temple floor are camouflaged into this ceiling.

Hence the appearance of even the smallest of a light fitting is selected with extreme curation from the vendors in order to match the design.



SERVICES

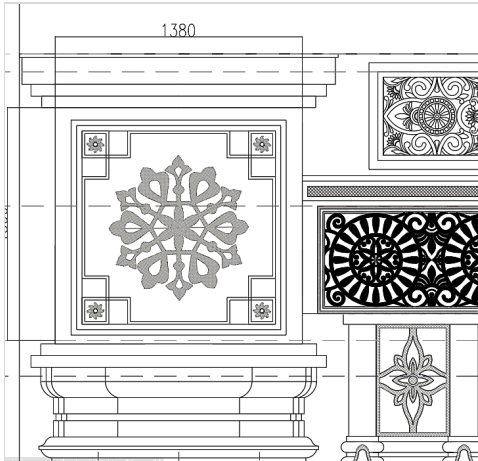
The crux of the all the RCP designs and planning lies in blending the legions of services that go past the ceiling. The design that is now finalized is a delicate and careful blend of both. These serve as a working framework throughout the actual construction process..



DESIGN AND MATERIALS

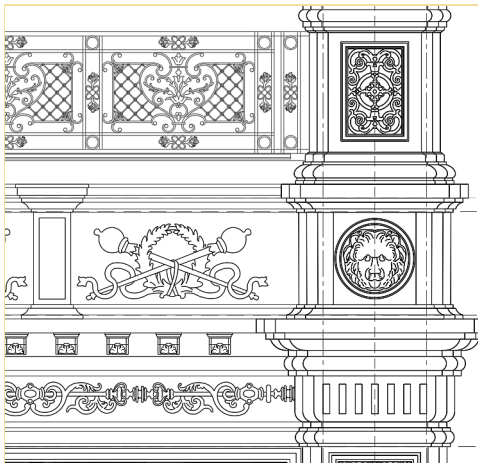
Each Module in the Reflected Ceiling Plan is designed taking in consideration the structural works laid on the temple floor. Thus the design varies in size, shape and pattern yet keeps the integrity in place.





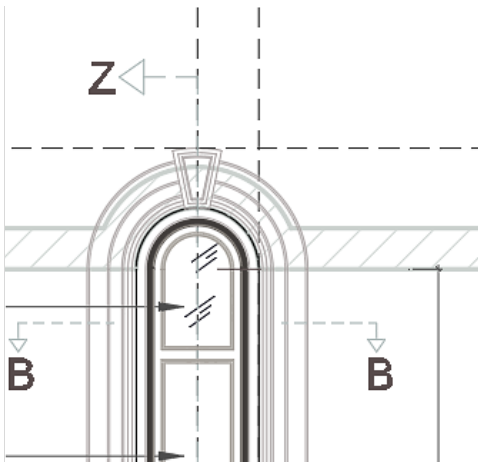
FLATTENED ELEVATION

1. Podium Flat elevation from Temple Floor to Museum Floor II
2. NW Podium Flat elevation from Museum Floor II to Side dome tier Floor III



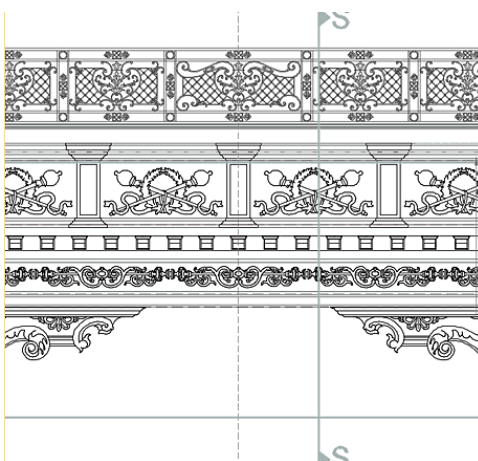
TYPICAL BAY ELEVATION

1. NW Podium Typical Bay Elevation from Temple Floor II to Museum Floor II
2. NW Podium Typical Bay Elevation from Museum Floor II to Side dome tier Floor III



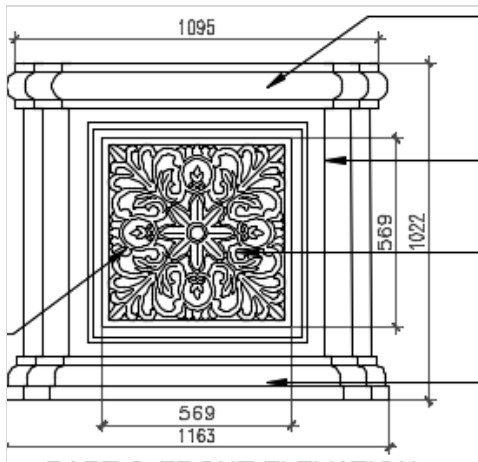
NARSIMHA DEV WING DOOR & WINDOWS

1. Details for Doors and Windows



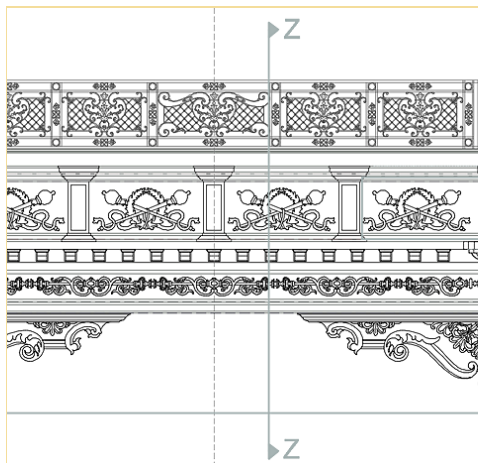
PODIUM FAÇADE(CORNICE DETAILS)

1. NW Podium cornice details from Temple Floor to Museum Floor II
2. NW Podium Cornice Detail from Museum Floor II to Side dome tier Floor III



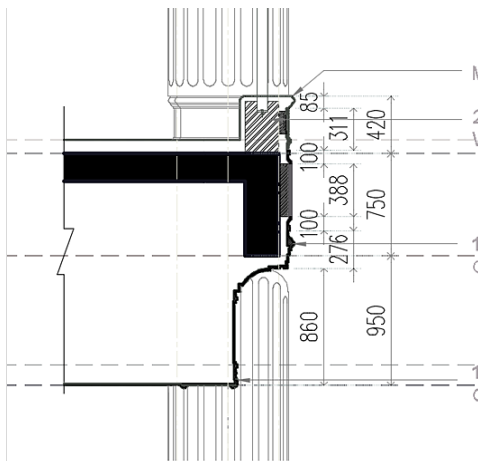
COLUMNS NARSIMHA WING COLUMNS

1. Interior column grouping
2. Expansion joint column type 4A
3. NW Free standing column type 3A
4. NW Outer ring column
5. NW Podium ring column
6. NW Wall engaged column type



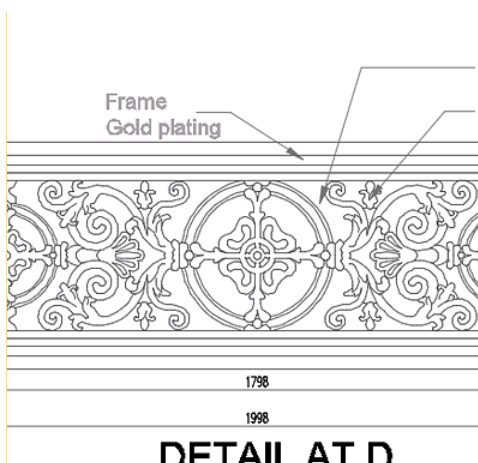
PODIUM FAÇADE (JALI)

1. Podium jali details from Temple Floor to Museum
2. Podium Jaali Detail from Museum Floor II to Side dome tier Floor III



PODIUM FAÇADE (ARCH & BRACKETS)

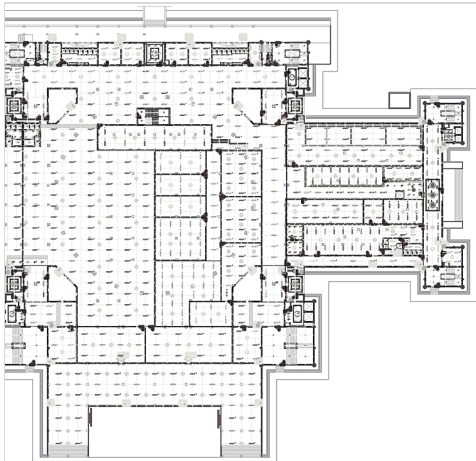
1. Podium Arch Bracket Detail from Temple Floor to Museum Floor II
2. Podium Arch Bracket Detail from Museum Floor II to Side dome tier Floor III



PODIUM FAÇADE (RAILINGS)

1. Railing Detail from Museum Floor II to Side dome tier Floor III
2. Podium railings from Museum Floor I & II

SEPTEMBER



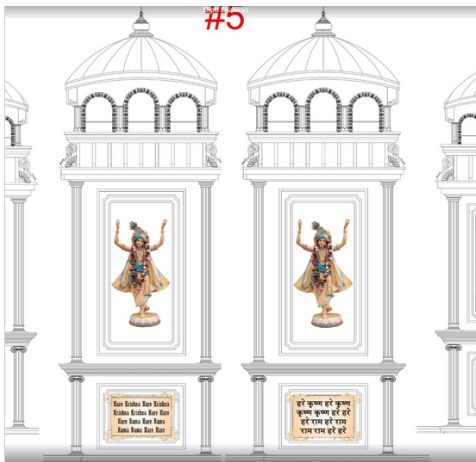
UTILITY FLOOR FALSE CEILING

1.+1.10m & 1.55m Levels



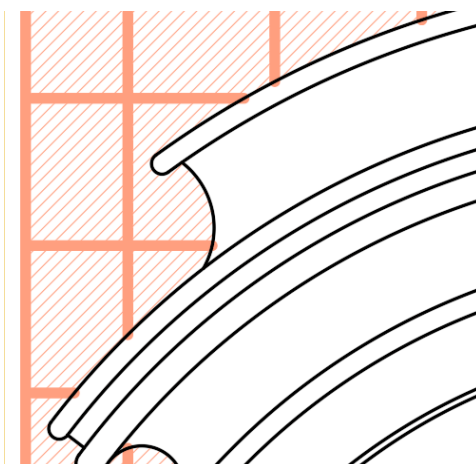
RCP PANEL DESIGNS

- 1.Ceiling Plan
- 2.Panel Design
- 3.Panel Sections
- 4.Acoustic Materials



STAIRCASE MURAL DESIGN

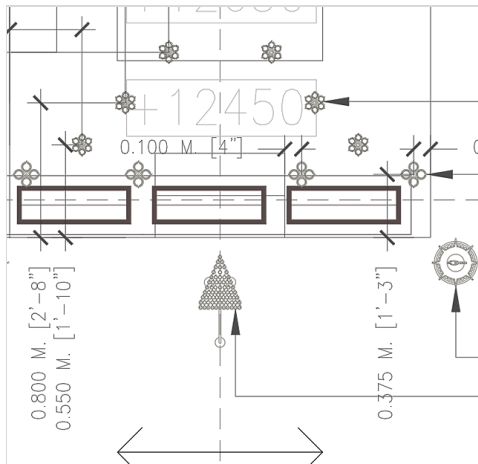
- 1.Gaur Nitai Towers
- 2.Material Finalization



WALL CLADDING

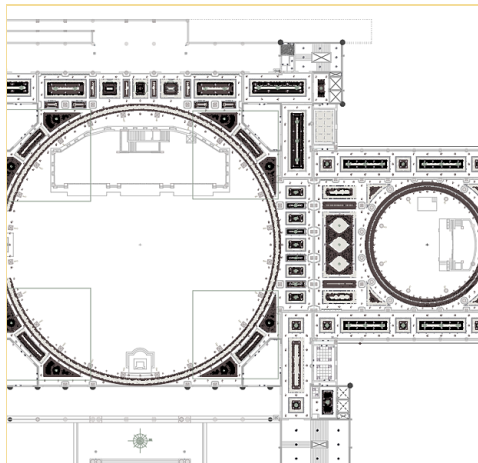
- 1.Marble Cladding
- 2.Sandstone Cladding

OCTOBER



NARSIMHADEV OIL LAMP LOCATION

1. Ceiling suspended oil lamps
2. Floor stand oil lamps
3. Arti oil lamps
4. Peacock stand oil lamps



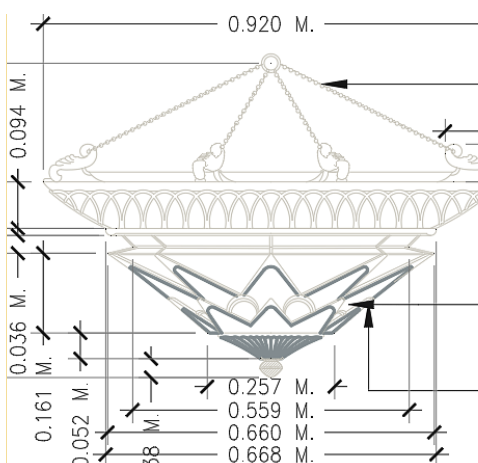
RCP PLAN FOR ALL MUSEUM LEVELS

1. Ceiling Plan
2. Panel Design
3. Panel Sections
4. Acoustic Materials



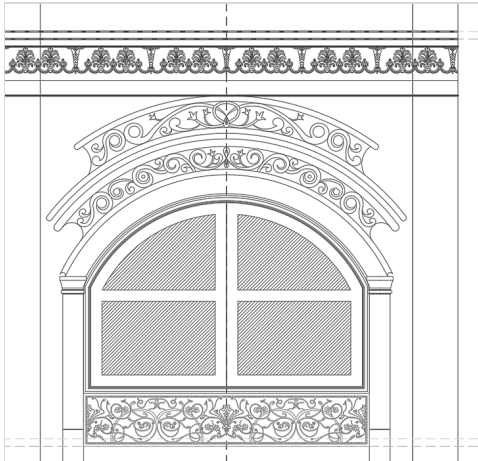
MAIN AND SIDE WING DOME TIER WINDOWS

1. Key Locations
2. sections
3. Detail Elevations
4. Level Plans



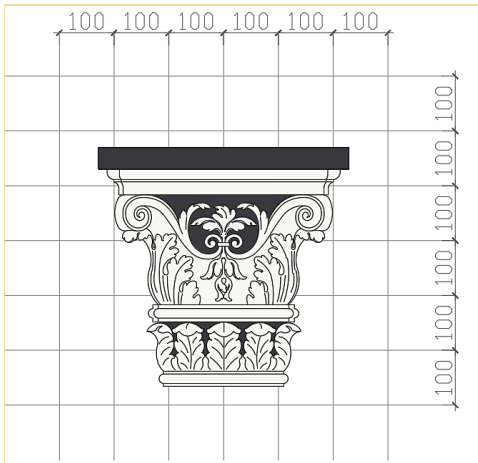
DECORATIVE LIGHT FIXTURES

1. Detailed drawings for vendor design and discussion



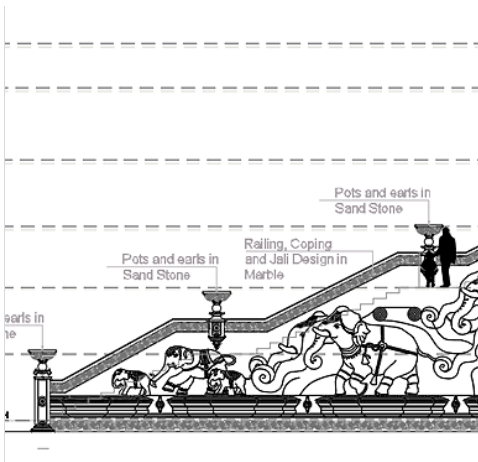
UTILITY FLOOR DOOR WINDOW SCHEDULES

- 1.Window and Door Sizes
- 2.Materials
- 3.Opening Sizes



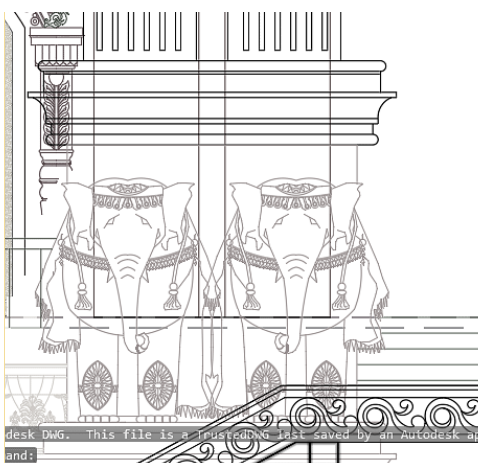
S.P VYASASNA COLUMNS DETAILING

- 1.Shikhar design
- 2.Medallion
- 3.Roof decorative elements
- 4.Arches
- 5.Doors



GRAND STAIRCASE

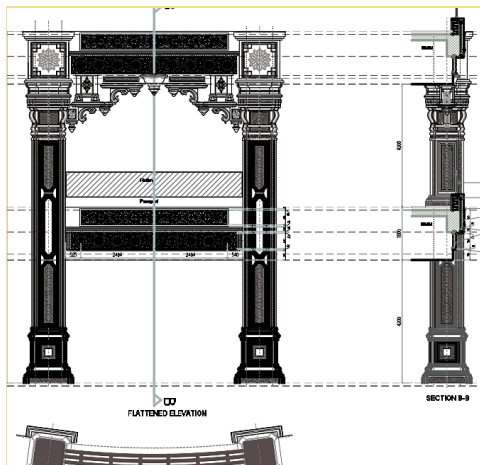
- 1.Plan
- 2.Front elevation
- 3.Section- Pujari floor level to deck level
- 4.Deck level to Temple level
- 5.Outer mural designs
- 6.Side elevations



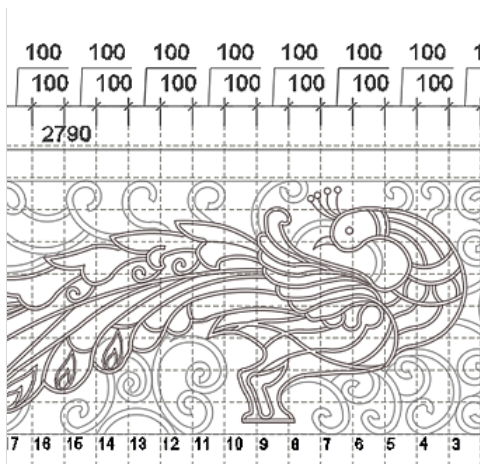
ELEPHANT COLUMN REWORKING

- 1.Design
- 2.Dimensions
- 3.Materials

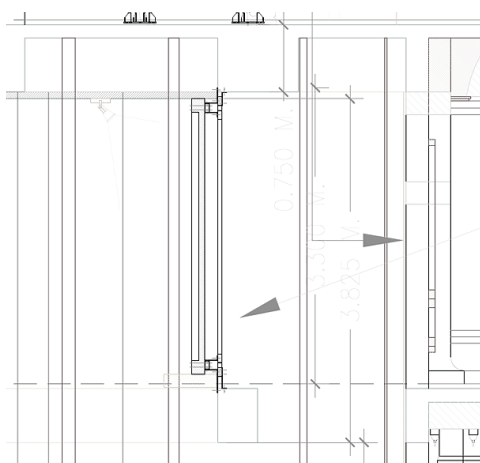
1. Back wall column details type 4A,B
2. Expansion joint column details type 5A ,B
3. Festival column details type 3A ,B
4. Front verandah column details type 4A
5. In between column details type-2A ,B
6. Podium column details type-1A
7. Podium column details type-1B @ 34.65 LVL



1. Museum-I ventilation jali arch
2. Museum-II ventilation jali arch
3. Museum-III ventilation jali arch
4. Dome Tier Jali Arch-1
5. Dome Tier Jali Arch-2
6. Dome Tier Jali Arch-3



- 1.Museum-I
- 2.Museum-II
- 3.Museum-III
- 4.Dome Tier



1.Sankirtan Band drawings for Main Wing



Site Development

2020



GRC AND GRG

MOCK UP



Behind every experience there is a lot of research, a lot of trials, a lot of mistakes and lot of learnings, because of which we get a ready approach, because of which we are comparing ourselves with not only the Indian market but also the international market in term of the equipment's and machines



THE MODEL

MOCK UP

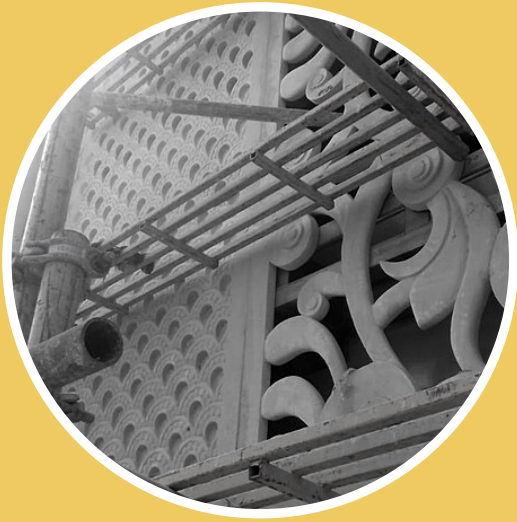


A scientific consummation, an architectural feat - Who would ever think of a chandelier being 62 meters in length and 20 meters wide?



JALI WORKS

MOCK UP



To surge ahead with the towering responsibility of manifesting this wondrous building, warrants the first category.

"If rooted in the true motivation of Seva; along with challenges comes the blessings and empowerment to face it.



LIGHT SAMPLES

MOCK UP



Light is the soul of architecture design. Space needs light to illuminate; light needs space to receive it, the light within the space change human experience. Exquisite light chandeliers are specifically designed at the TOVP Architecture and Design Office for the most beautiful building.



PLUMBING WORKS

MOCK UP



Architectural and Civil construction give shape, structure, and aesthetics to a building but MEP or Mechanical, Electrical, and Plumbing bring facilities for life providing services. Hence a detailed organization of these Building Services is essential.



In Conclusion



The first step to creating an effective project plan is to set a baseline. The baseline is the foundation.

ARCHITECTURAL DRAWING LIST FOR CW					31.08.2020
SL.NO	LOCATION	TASK	DRAWING TITLE DESCRIPTION	Recent Update	
1.Sankirtan Band (Narsimha wing)					
1.1	Service & Tier floor	Detail Drawing	Sankirtan Band drawings for Narsimhadeva Wing	Drawing released on 1.05.2020	
2-Columns Narsimha Wing Columns					
2.1	Narsimhadev Wing	Detail Drawing	2020 08 13 NW Interior column grouping	Drawing released on 18.08.2020	
2.2	Narsimhadev Wing	Detail Drawing	2020 08 13 NW Expansion joint column type 4A	Drawing released on 18.08.2020	
2.3	Narsimhadev Wing	Detail Drawing	2020 08 13 NW Expansion joint corner column type 4B	Drawing released on 18.08.2020	
2.4	Narsimhadev Wing	Detail Drawing	2020 08 13 NW Free standing column type 3A	Drawing released on 18.08.2020	
2.5	Narsimhadev Wing	Detail Drawing	2020 08 13 NW Outer ring column type 2A	Drawing released on 18.08.2020	
2.6	Narsimhadev Wing	Detail Drawing	2020 08 13 NW Outer ring column type 2B	Drawing released on 18.08.2020	
2.7	Narsimhadev Wing	Detail Drawing	2020 08 13 NW Outer ring column type 5A	Drawing released on 18.08.2020	
2.8	Narsimhadev Wing	Detail Drawing	2020 08 13 NW Outer ring column type 5B	Drawing released on 18.08.2020	
2.9	Narsimhadev Wing	Detail Drawing	2020 08 13 NW Podium ring column type 1A	Drawing released on 18.08.2020	
2.10	Narsimhadev Wing	Detail Drawing	2020 08 13 NW Podium ring column type 1B	Drawing released on 18.08.2020	
2.11	Narsimhadev Wing	Detail Drawing	2020 08 13 NW Wall engaged column type 3B	Drawing released on 18.08.2020	
2.12	Narsimhadev Wing	Detail Drawing	2020 08 13 NW Wall engaged corner column type 3C	Drawing released on 18.08.2020	
3.Narsimha dev Wing - Podium Façade (Jali)					
3.1	Temple floor	Detail Drawing	2020 08 30 NW Podium jali details from Temple Floor to Museum Floor II	Drawing released on 31.08.2020	
3.2	Museum floor-I	Detail Drawing		Drawing released on 31.08.2020	
3.3	Museum floor-II	Detail Drawing		Drawing released on 31.08.2020	
3.4	Museum floor-III	Detail Drawing	2020 08 30 NW Podium Jaali Detail from Museum Floor II to Side dome tier Floor III	Drawing released on 31.08.2020	
3.5	Tier floor-I	Detail Drawing		Drawing released on 31.08.2020	
3.6	Tier floor-II	Detail Drawing		Drawing released on 31.08.2020	
3.7	Tier floor-III	Detail Drawing		Drawing released on 31.08.2020	
4.Narsimha dev Wing - Podium Façade (Arch & Brackets)					
4.1	Temple floor	Detail Drawing	2020 08 30 NW Podium Arch Bracket Detail from Temple Floor to Museum Floor II	Drawing released on 31.08.2020	
4.2	Museum floor-I	Detail Drawing		Drawing released on 31.08.2020	
4.3	Museum floor-II	Detail Drawing		Drawing released on 31.08.2020	
4.4	Museum floor-III	Detail Drawing	2020 08 30 NW Podium Arch Bracket Detail from Museum Floor II to Side dome tier Floor III	Drawing released on 31.08.2020	
4.5	Tier floor-I	Detail Drawing		Drawing released on 31.08.2020	
4.6	Tier floor-II	Detail Drawing		Drawing released on 31.08.2020	

The year has been tough on many people and field, including the construction industry. And with construction come vendors, suppliers, laborers, consultants and many such branches.

While it is difficult to work on a physical form such as the TOVP virtually, the design and construction together worked on various paths and mediums to achieve multiple milestones in this year. The report shows highlights of each month in four numbers, but even beyond that the team has worked on numerous drawings and released a lot of them for construction.

This year has been challenging, but we've managed to pass the threshold by the Pujari floor opening, the RCP drawings and the Narsimhadev Wing design.