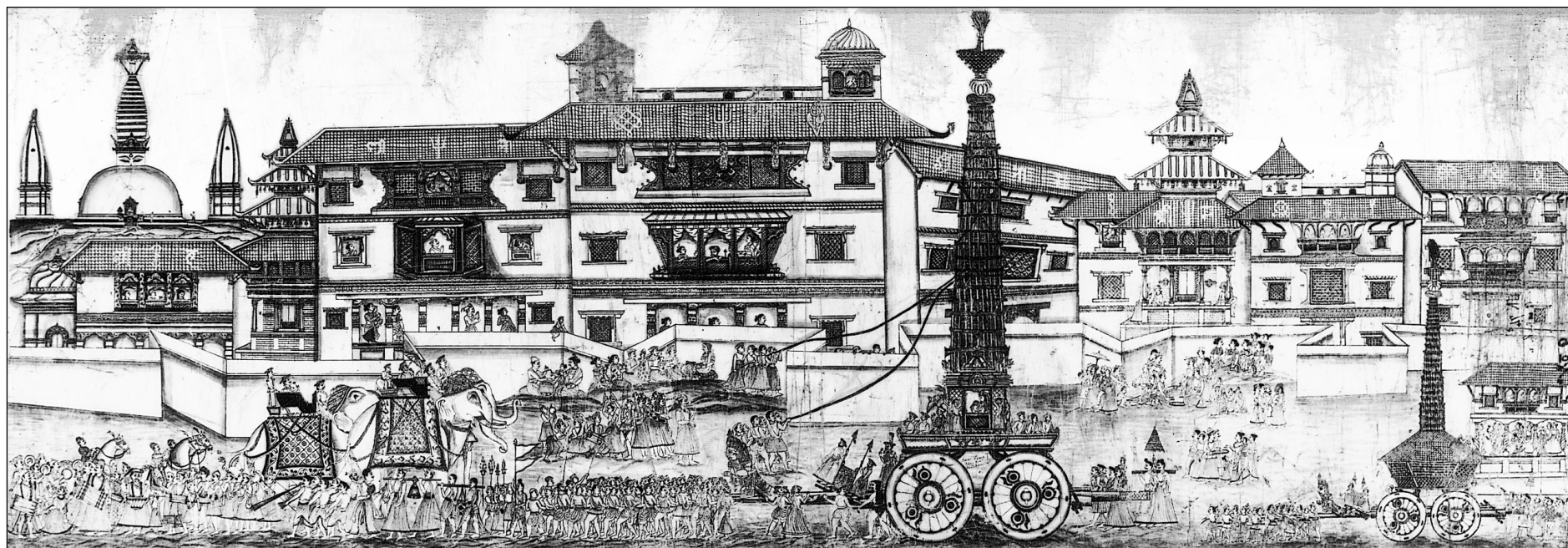




THE PATAN ROYAL PALACE RESTORATION AND CONSERVATION PROJECT

SUNDARI COK

CONDITION REPORT
OF THE
WOODEN CARVED ELEMENTS IN THE COURTYARD



KATHMANDU VALLEY PRESERVATION TRUST

JULY 2007



KATHAMDU VALLEY PRESERVATION TRUST

Patan Darbar Square
P.O. BOX 13349, Kathmandu, NEPAL
Tel: 977 1 546055

info@kvptnepal.org

www.kvptnepal.org

by
Lumanti Joshi, Architect / KVPT
&

Maike Voelkel, Student of conservation and restoration of cultural heritage in wooden arts

Introduction

Sundari Cok is the earliest surviving royal quadrangle of the Patan Royal Palace Complex and is regarded by many scholars as the most important example of Malla-period palace architecture for the richness of its largely intact facade carvings and for its pleasing proportions. The building, roughly 17 meters by 17 meters, consists of four three story wings that surround a court that is paved in stone. At the center of this paved courtyard is an elaborately carved stone step-well that was constructed for ritual purposes for the Malla king.

Recent research suggests that the Patan King Siddhinarasimha Malla constructed Sundari Cok during the year of the birth of his son and successor Srinivasa Malla in 1627 and that the masterfully carved step well Tusha Hiti was installed in its court in 1647 during renovations. In Nepal Mandala Mary Slusser writes that Srinivas Malla continued his father's penchant for building and embarked upon extensive renovations to the Palace which, apparently, included Sundari Cok in 1666.² Further renovations and repairs likely took place during the 18th and 19th centuries.

The upper story raises many questions. From its carving style it appears to date from a later period than that of the ground and first floors. We know from Daniel Wright of at least one major earthquake in 1830. While the two lower floors appear to retain most of their original 17th century carvings, the upper story appears to be a 19th century rebuilding. Pre-1934 photographs show the roof already rebuilt with larger Indian terracotta tile. We know from photographs that the east wall of the quadrangle and the entire roof structure were reconstructed after the 1934 earthquake. Additional roof rebuilding and makeshift repairs occurred during the coronation ceremonies of King Mahendra and Birendra during the 1950s and the 1970s. The building was documented in 1992-95 by a UNESCO team. No repairs or clean-up were undertaken as part of that project.

This report aims to present a survey of the existing conditions of the wooden elements in the courtyard of Sundari Cok. This also includes recommendations for conserving them in general and in detail for each element. A numbering plan has been devised to easily locate the exact position of a door or a window in the courtyard facade.

A general recommendation with methods to clean and treat the wood is attached at the end of the report with an investigation to the bearing of Sal Wood / Shorea Robusta.

The question as to whether to remove the unauthentic elements or to preserve them as a historic part of restoration history has to be discussed, element by element, with a team of historian, responsible architects and conservators. Particularly at the upper elevation (2nd floor level) it is difficult to achieve historical configuration of the courtyard without the replacement of the lattice work.

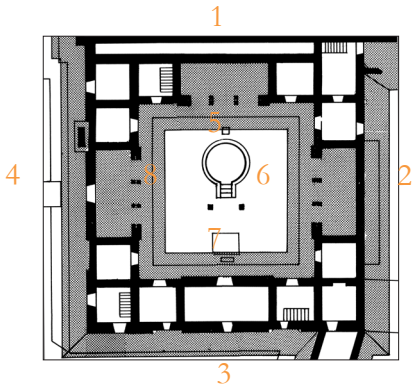
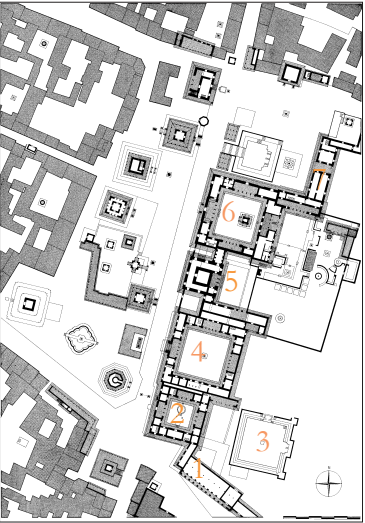


Patan Darbar square

*seen from the south. Litography after a photograph by Gustave Le Bon, February 1885.
Gustave Le Bon, Les Civilisations de L'Inde, Paris 1894*

Statements of the authenticity and originality of the elements in this report based on the information of the *Remarks of authenticity and condition of elevation* written by Hari Ratna Ranjitkar in the appendix 4 of Hans C. Bjonness *Investigation of Sundari Chowk, Patan Darbar. Historical and Architectural Investigation; 1995*

Sundari Cok courtyard / north



2.5.S.01 - 08

2.5.L.01 -08

2.5.L.09 -17

2.5.F.01 - 07

2.5.S.09 - 20

2.5.W.01 - 06

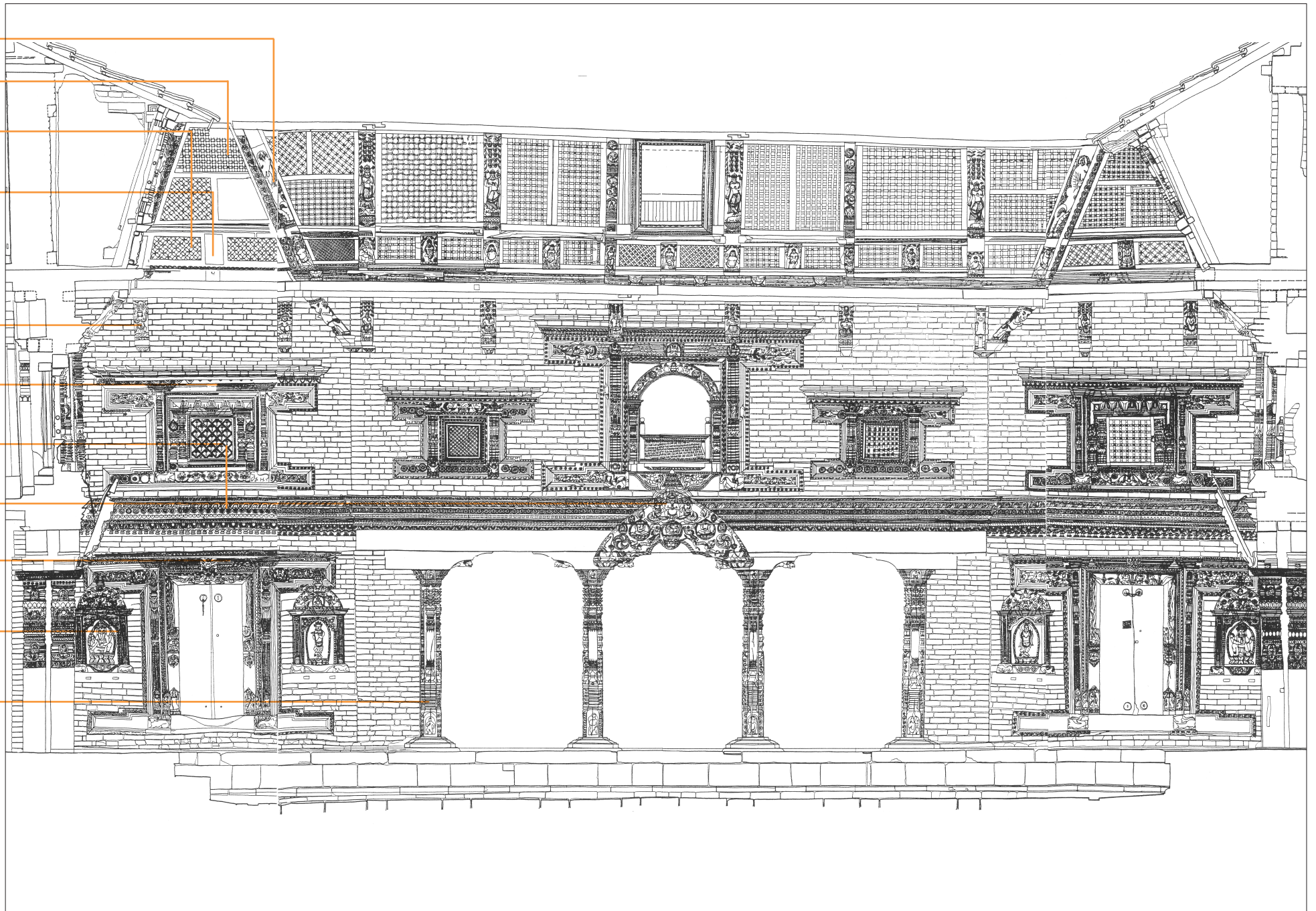
2.5.C.

2.5.T

2.5.D.01 - 02

2.5.N.01 - 04

2.5.P.01 - 04





2.5.N.01 Tympanum-original, frame-pre-earthquake, Statue-new(in 1967 A.D.)

Sill	
-base	lions
-centre	ornament with cusped lotus leaves, creeper and lotus flowers
Jambs	
-bottom	flowers
-middle	ritual pot
-shaft	lower part with hair curl pattern, upper part with lotus leaves
-top	egg pattern, lotus flowers in block
Inner frame	chain of creeper, lotus flowers and -leaves in the corners
Image	Ganesh on lotus pedestal
Lintel	three stepped kulan design
Tympanum	
-perimeter	lotus pedestal, aquatic mystic animals, snakes girls, garuda
-image	Genesh
-pinnacle	lotus leaves, beads and seeds in three steps

Conditions

The structure of the element in good condition. The design and carving of the statue is of inferior quality. The carvings at the base of the frame and the lower portions pillars have weathered considerably. 20% of egg pattern of the pillars have damaged. Asserting from the quality of the details on the pinnacle, it can be said that this was later added to an original tympanum. Joint at the left inner frame is open.

Recommendations

The statue in the niche has to be replaced with a high quality carving with an iconographic correct meaning. The open joints of the left inner frame need to be fixed.



2.5.D.01

Frame-original, shutters-new (added in 1988 A.D.)

Outer frame	chain of lotus leaves
Bases at the threshold	lions
Jamb	
-bottom	guardians
-middle	ritual pot
-shaft	lotus leaves, frills, egg pattern, lotus flowers
-capital	carved god enclosed in a halo of flames
Secondary jamb	flower petals, row of egg pattern
-bottom	guardians
-middle	kirtimukhs, lotus pedestal, winding snakes
Secondary lintel	dragons
Lintel	kula design
Proj. ends lintel	Sun god on horse and Krishna playing flute with two of his consorts on the left, the Moon god on his vehicle goose and again Krishna playing flute with two dancing gopinis.
Cornice	kula design with centered garuda egg pattern, lotus pattern

Conditions

The structure is in fair condition. Elements of the outer frame at the doorsill are missing. The whole threshold of the door has weathered with the wood more eroded at the centre and there are breakage at the heads of the carved lions. There several breakages namely one at the ritual pot on the left jamb, one at the end of the cornice on top of the door and another at the bottom of the outer frame at the projecting end of the lintel. Lower portion of the entire construction has bleached up to the 14th layer of brick from below. The joints are not properly fitted and are open. Minor cracks are visible in the left inner jamb.

Recommendations

The entire carved outer frame element at the base of the threshold needs to be replaced and carved with lotus leaves pattern copied from the original remaining detail. The vertical element of the outer frame on the left projecting end of the door sill has to be readjusted.



2.5.N.02 Tympanum-original, frame-pre-earthquake, Statue-new(in 1967 A.D.)

Sill

- base lions
- centre ornament with cusped lotus flowers and leaves

Jambs

- bottom flowers
- middle flower and leave pattern
- shaft fruit seeds
- top egg pattern, twisted rope in block

Inner frame

- chain of lotus leaves

Image

- Krishna playing flute

Lintel

- three stepped kulan design

Tympanum

- perimeter lotus pedestal, aquatic mystic animals, snakes, Kirtimukha
- image Krishna playing flute
- pinnacle lotusleaves, beads and seeds in three steps

Conditions

The structure is in good condition except for weathered base and the lower portion of the pillars. These and also the lotus base of the image are bleached due to the action of the rain water. The sill has slight horizontal crack. The statue is of inferior quality. There is a breakage at the base of the pinnacle and upper piece is chipped off. The whole ensemble is painted and traces of polychrome paint is visible in the tympanum.

Recommendations

The statue in the niche has to be replaced with a high quality carving with an iconographic correct meaning. The unsightly colour on the carving needs to be removed. The open joints between the vertical and horizontal members of the frames has to be tightly fixed.



2.5.N.03 Tympanum-original, frame-pre-earthquake, Statue-new(in 1967 A.D.)

Sill

- base lions
- centre ornament with lotus flowers in cusped pattern

Jambs

- bottom bib pattern, ritual pot
- middle punctuated by a flower pattern
- shaft lotus leaves
- top egg pattern, seeds in block

Inner frame twisted ropes

Image female deity with raised hands

Lintel three stepped kulan design

Tympanum

- perimeter lotus pedestal, aquatic mystic animals, a pair of snake girls, garuda on top.
- image four armed deity on a vetal, holding a trident and a shield in the back hands and fore hands in a mudra, and garuda on top
- pinnacle lotus leaves, beads and seeds in three steps

Conditions

The structure is in good condition. The principal image in the niche is of inferior quality. The sill and the lower segments of columns are heavy weathered and have small breakages at the shaft of the pillars. The left inner frame support of the niche is missing. The joints between the sill and the frame are open due to the natural drying of wood. The lower right section of the tympanum has chipped off and the pinnacle is missing. It has horizontal cracks but these are not critical. This shows polychrome colours which has faded considerably.

Recommendations

The statue in the niche has to be replaced with a high quality carving with an iconographic correct meaning. A copy pinnacle with reference from the other tympanums has to be made to be placed here. The left inner frame with a copy of the existing details needs to be re-carved. The joints of the sill to the frame support has to be cleaned and fixed again.



2.5.D.02 Door frame-original / authentic, Shutters-original

Outer frame	encircling creeper
Bases at the threshold	animals, unrecognizable
Jamb	
-bottom	guardians
-middle	ritual pot
-shaft	lotus flowers, lotus leaves, frills, egg pattern, lotus flowers
-capital	peacocks
Secondary jamb	lotus leaves, egg pattern
-bottom	guardians
-middle	kirtimukhs, lotus pedestal, winding snakes
Secondary lintel	dragons
Lintel	kula design
Proj. ends lintel	hunting scene with archer and deers
Cornice	kula design with centered garuda egg pattern, lotus

Conditions

The structure is in fair condition. The entire outer frame at the sill level has 80% breakages and elements at the left portion are missing. Both bases of the pillars are heavily weathered making the carvings unrecognizable. The left door shutter has a major breakage. There is a large vertical crack on the left inner jamb

Recommendations

The bottom section of the outer frame has to be replaced with a new one with detail copied from the existing design on the frame. The left vertical element of the outer frame at the threshold has to be readjusted.



2.5.N.04 Tympanum-original, frame-pre-earthquake, Statue-new(in 1967 A.D.)

Sill	
-base	lions
-centre	ornament with lotus flowers, creeper, seeds in cusped pattern
Jambs	
-bottom	bib pattern, ritual pot
-middle	ritual block
-shaft	punctuated by a leaves pattern
-top	depict egg pattern with flowers in a block
Inner frame	foreign flowers, lotus flowers in the corners
Image	four armed Kumar holding a string of beads in his right back hand and a bunch of peacock feathers in his left
Lintel	three stepped kulan design
Tympanum	
-perimeter	lotus pedestal, aquatic mystic animals, a pair of snake girls, garuda on top.
-image	four armed Kumar on his vehicle the peacock is placed as a central figure
-pinnacle	lotus leaves, beads and seeds in three steps

Conditions

The structure is in good condition. The joints between the sill and the frame are open because the upper portion of the sill has weathered considerably. The left pillar of the niche has heavily worn out. The joint at right inner frame has become loose. The carving of the statue is rather poor and is only a recent addition since the original one was lost. The details of tympanum has weathered with a new crudely carved attachment for Garud's head and pinnacle.

Recommendations

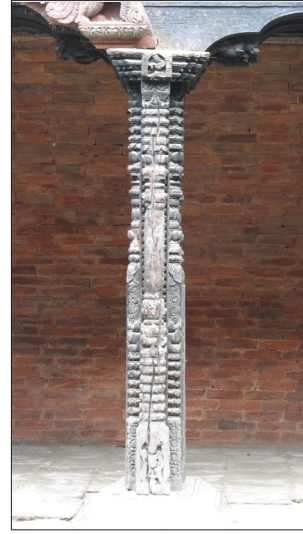
The statue in the niche has to be replaced with a high quality carving with an iconographic correct meaning. The joints at the frames needs to be readjusted. The top section of the tympanum has to be recarved to match the original one.



2.5.P.01 Original



2.5.P.02 Original



2.5.P.03 Original



2.5.P.04 Original

The four pillars make the central bay of the ground floor facade. Each pillar has a fore-pillar in front facing the courtyard, with traditional details carved on them. The details in the background pillars are similar to the ones in the other facade

Conditions

The pillars are in fair condition. The lower portions of the pillars have weathered heavily. There are structural cracks on the 2.5.P.03 and 2.5.P.04. At some areas the carving details are incomprehensible

Recommendations

These should be retrofitted with a additional structural members to share the load from above. An effective design has to be developed for this purpose.



2.5.T.

Tympanum new

bottom
perimeter

Cheppu devouring a pair of snakes flanked by dragons clutching dogs a pair of mystical aquatic animals (makaras) lotus pedestals, whirlpool pattern symbolizing the tails of the makaras. Garuda holding ritual pot, flanked two naga deities decorate the apex of the tympanum. The images of Ganesh on his vehicle the rat to the right and Kumar on the peacock to the left between these. Also carved are the four axillary figures

central section

principal deity, a multi armed Vishnu on lotus pedestal with his consort Lakshmi on his lap at the centre, flanked by two courtiers carrying garlands.

pinnacle

lotus flowers and seeds in three steps

Conditions

The tympanum is not authentic and was added only after the earthquake. The carving is extremely crude, which is more noticeably at the face of the Garud. Comparing it with the other tympanums, we can clearly see that this was carved with reference to the other two. The principal image have been replicated from 2.6.T and the other details from 2.8.T. The joint between the four sections of the tympanum is not properly attached and the joints have disengaged. The whole entity show traces of unsightly polychrome colours.

Recommendations

There are two alternatives: 1) We either clean the existing one, fix the joints, and reuse it. 2) Since we have the craftsmen who can replicate the carvings in highest standard, and not replacing it would tarnish the aesthetic expression of the setting as a whole, Thus, we need to recarve a new one in with reference to the two existing ones



2.5.W.01	Frame and the lattice-Original	
Outer frame	chain of lotus flowers	
Sill		
-bases	deers	
- centre	ornamental lotus flowers and -leaves	
- proj. ends	ornamental lotus flowers and -leaves	
Jamb	in traditional pattern	
-bottom	lotus flowers	
-middle	ritual pot, lotus flowers	
-shaft	plain	
-top	kulan pattern, egg pattern	
-lintel	kula design	
Inner frame	encircling lotus flowers	
Sec. jamb		
-bottom	lotus flowers	
-middle	ritual pot, kulan pattern, peacock	
-lintel	five noses pattern	
Frame support	in traditional pattern like the sec. jamb	
Lattice	diagonal pattern further framed by a line of lotus petals	
Proj. end of the Lintel	ornamental lotus flowers and -leaves	
Cornice	triangle, mouse tooth patterns	
		Conditions Construction is in a good condition. The entire construction is original including the lattice. The sill show a large horizontal crack which extends to its projecting ends. 25% of the the mouse tooth pattern has breakages. Recommendations Only cleaning of the elements is required. The window should be cleaned with the method described at the end of the report.



2.5.W.02

Frame-Original, Lattice work- Added after the 1934 earthquake

Outer frame

band of ropes

Sill

- bases
- centre
- proj. ends

human manifestation of Garuda

lotus flowers

lotus flowers

Jamb

in traditional pattern, multiplied columns

-bottom

lotus flowers in block

-middle

ritual pot, lotus flowers

-shaft

in traditional pattern

-top

kulan pattern, egg pattern lotus leaves

-capital

elaborately carved lotus flowers.

-lintel

intertwined dragons

Inner frame

constitutes of three steps

-1st.

line of lotus flowers

-2nd.

line of lotus leaves

-3rd.

twisted ropes

Lattice

simple diagonal without any pattern

Proj. end at the Lintel

ornamental lotus flowers

Cornice

dog tooth pattern, mouse tooth pattern

Conditions

The structure of the window is in a good condition. However, the lower portion of the sill and the inner frame have weathered 40%. Cracks are evident in the sill. The left projecting end at the base has given in under the pressure of the brick work and has slightly deformed.. Studying the pattern of lattice in the window symmetrical to this one on the same facade (which is more elaborately carved), we can say that this lattice is not original and was added only after the earthquake.

Recommendations

One alternative is to retain the existing latticework, since it has some history attached to it. Another option is to recarve the latticework with reference to the authentic one in the 2.5.W.04. The deformed section of the projecting sill needs to be readjusted.



2.5.W.03	Frame-Original, Shutters are lost and replaced with lattice
Outer frame	string of lotus flowers, different animals
Sill	
-bases	dragons
- centre	ornamental lotus flowers and -leaves
- proj. ends	hunting scenes
Jamb	in traditional pattern multiplied column
-bottom	lotus flowers in block
-middle	ritual pot, lotus flowers
-shaft	foliage
-capital	deities
-lintel	kula design, egg motives, lotus leaves, seeds,, centred deity
Inner frame	encircling lotus leaves
Sec. jamb	traditional pattern
-bottom	lotus flowers in block
-middle	ritual pot, kulan pattern, seeds
-lintel	arched tympanum with dragons, whirlpool, snake girls and central garuda
Lattice	diagonal latticework consists of two pieces and is without any carvings.
Proj. end at the Lintel	hunting scenes
Cornice	lotus leaves, lion heads and lotus flowers.

Conditions

The structure is in a good condition. The frame is authentic but the shutters are lost and has been replaced with two plain pieces of lattice. This has been crudely nailed from inside. There is a large horizontal crack in the left projecting lintel. Likewise, similar cracks are visible at the pillar bases. Lower section of the sill and the projecting ends have weathered. The vertical member of right end of the outer frame at the sill is larger than the other sides and was probably replaced. Both bases of the inner supports are missing. Latticework in the corners above the round arch has been replaced with plain planks. Studying the similar windows in other facades, one can conclude that the window apron too was changed. A coat of paint covers the wood.

Recommendations

Replace the vertical member of right projecting sill of the outer frame with a new one carved with the original lotus flower motif. Recarve new carved bases for the inner support in the traditional pattern with reference to the bases at 2.7.W.03. Recarve the diagonal lattice for the corners above the arch, the apron as well as the shutters taking into account the details in 2.7.W.03.



2.5.W.04

Both frame and lattice-Original

Outer frame	lotus petals
Sill	
-bases	human manifestation of Garuda
- centre	lotus flowers with creepers
- proj. ends	lotus flowers with creepers
Jamb	in traditional pattern, multiplied columns
-bottom	flowers in block
-middle	ritual pot, lotus flowers
-shaft	in traditional pattern
-top	kulan pattern, egg pattern lotus leaves
-capital	elaborately carved lotus flowers.
-lintel	arched motif with lotus petals, lotus flower and -leaves
Inner frame	constitutes of three steps
-1st.	line of lotus petals
-2nd.	chain of lotus leaves
-3rd.	band of beads
Lattice	elaborate rectangular pattern in <i>macika</i> style, with leaves carved on the vertical members
Proj. end at the Lintel	lotus flowers and birds
Cornice	dog tooth pattern, mouse tooth pattern

Conditions

The structure is in a good condition. However, 60% of the window frame have slight weathering. Weathering is seen in the outer frame, lower section of the sill and at pillars. The about 3 inches of left vertical component of the lattice has broken. There are 40% breakages at the mouse tooth pattern.

Recommendations

The damaged piece from the vertical member of the lattice needs to be repaired. Cleaning of the elements should be carefully done using first a dry brushing and with the help of scalp hard and dried dirt should be removed



2.5.W.05 Frame-Original, Lattice added after the earthquake

Outer frame	chain of lotus flowers
Sill	
-bases	deers
- centre	ornamental lotus flowers and -leaves, creeper
- proj. ends	ornamental lotus flowers
Jamb	in traditional pattern
-bottom	lotus flowers in block
-middle	ritual pot with lotus leaves
-shaft	foliage
-top	kulan pattern, egg pattern, lotus petals in block
-lintel	kula design
Inner frame	encircling lotus flowers
Sec. jamb	
-bottom	lotus flowers
-middle	ritual pot, kulan pattern, deities enclosed in a halo.
-lintel	five noses pattern, with kula design beneath
Frame support	in traditional pattern like the sec. jamb
Lattice	simple square <i>macika</i> pattern .
Proj. end af the Lintel	foliage
Cornice	triangle, mouse tooth patterns

Conditions

The structure is in a good condition. The right part of the kulan above the pillar of the cornice is 80% damaged. About 1 feet long horizontal cracks isvisible in the inner frame at the nose pattern and a crack is also seen in the left projecting lintel. The lattice work is not authentic and has been added later only, studying its crude construction.

Recommendations

One alternative is to retain the existing latticework, since it has some history attached to it. Another is option is to recarve the latticework with reference to the authentic one in the 2.5.W.01.



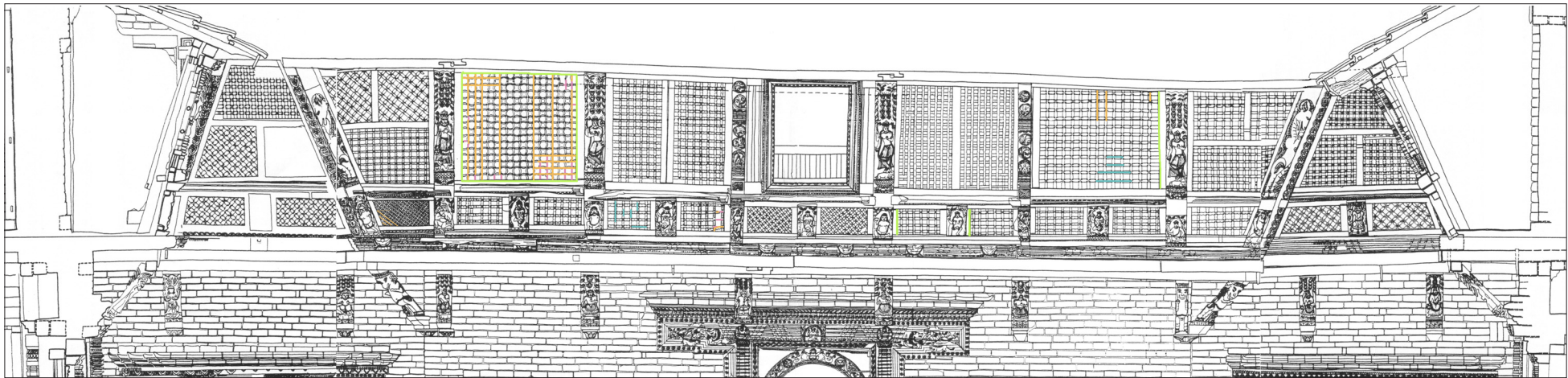
2.5.W.06 Frame and shutters new

Conditions

Simple frame with lotus leaves pattern and a rail. Rectangular lattice at the shutter. The window is low grade and is of inferior construction. It is covered with a layer of paint.

Recommendations

The window disturbs the aesthetic impression of the woodcarvings at the building. It is recommended to replace a new window in an authentic style, taking reference to 2.7.W.6.



■ rotten
 ■ broken
 ■ missing
 ■ not fitting into the frame

Conditions

- 2.5.L.01 frames and lattice are not original, the lattice is not fitting into the frame and is instable.
- 2.5.L.02 frames and lattice seems not original, the lattice is not fitting into the frame and instable.
- 2.5.L.03 lattice seems original, but it doesn't fit into the frame. There are breakages on the vertical lattice support. A part at the bottom on the right is damaged and vertical and horizontal parts are missing. The frame is not original and probably made for this damaged lattice course where the lattice is broken. There are no slots to fix the lattice into the frame which is the case in traditional design.
- 2.5.L.04 lattice is divided in two casements, the lattice and the frame are not authentic
- 2.5.L.05 The lattice is divided in two casements, the lattice and the frame is not authentic
- 2.5.L.06 The lattice does not seem original and has breakages on the 7th and the 6th vertical members of the lattice at the top. There are rotten elements at the bottom on the 1st, 2nd, 3rd, 4th horizontal elements. The frame doesn't fit into the frame on the right side.

Recommendations

- Completely replace this unauthentic lattice work with a copy of 2.5.L.03, which appears to be an authentic one.. Install it in a new frame done in traditional style with niches to hold the lattice
- Completely replace this unauthentic lattice work with a copy of 2.5.L.03. Install it in a new frame done in traditional style with niches to hold the lattice
- Repair and stabilize the old lattice and replace the missing parts. Make holes for fitting the lattice into the frame.
- Completely replace this unauthentic lattice work with a copy of 2.5.L.03. Install it in a new frame done in traditional style with niches to hold the lattice
- Completely replace this unauthentic lattice work with a copy of 2.5.L.03. Install it in a new frame done in traditional style with niches to hold the lattice
- Completely replace this unauthentic lattice work with a copy of 2.5.L.03. Install it in a new frame done in traditional style with niches to hold the lattice



Conditions

2.5.L.07 frame and lattice are not original, the lattice consists of three different patterns and has several breakages The lattice does not properly fit into the lattice. The quality of work is extremely inferior.

2.5.L.08 frame and lattice are not original, the lattice consists of three different patterns and has several breakages The lattice does not properly fit into the lattice. The quality of work is extremely inferior.

Apron Lattice:

2.5.L.09 lattice is not authentic and has no carved frame work. The frame is not fitting into the area between the struts

2.5.L.10 lattice is authentic but has no carved frame work, some of the bottom members are damaged. The frame is not fitting into the area between the struts

2.5.L.11 lattice is not authentic and has no carved frame work. There are breakages on the bottom at the right corners due to rotten elements, some of the vertical members are missing

2.5.L.12 lattice and the frame are not authentic. It is severely rotten on the backside. One vertical member is missing and some horizontal elements are damaged.

2.5.L.13 lattice is not authentic and has no carved frame work. But it is in good condition

Recommendations

Completely refurbish the lattice and the frame with a replica of 2.5.L.03's detail.

Completely refurbish the lattice and the frame with a replica of 2.5.L.03's detail.

Replace the frame as well as the lattice with new ones copied from 2.5.L.10, an original one

Refit and stabilize the lattice in the frame and recarve the missing parts

Replace the frame as well as the lattice with new ones copied from 2.5.L.10

Replace the frame as well as the lattice with new ones copied from 2.5.L.10

Replace the frame as well as the lattice with new ones copied from 2.5.L.10



damaged frame joint at 2.5.W.06



low grade repair at the frame work 2.5.



damaged lattice 2.5.



rotten decay at 2.5.

Conditions

2.5.L.14 both the lattice and the frame are new. The latticework does not fit into the right side of the frame. There is a small breakage and a vertical missing element is missing

2.5.L.15 lattice and frame are new and are in good condition. But the bottom of the horizontal lattice element in the right is rotten

2.5.L.16 all the elements are new. The lattice is instable and doesn't fit into the area between the struts

2.5.L.17 Both the lattice and the frame are not original and the quality of work is inferior.

2.5. Cornice above the apron lattice

Conditions

It is a member detailed in kulan design above the apron lattice. There is no uniformity in detail and consists of various style. This is probably because they were salvaged from other places and reused here to compensate for the missing original ones after the 1934 earthquake. It is extensively damaged, particularly at the area around the struts. About 80% of the cornice is not usable. The one above 2.5.L.13 show signs of wet rot. and approx. 65 % has decayed

2.5. Protruding eaves / Dhalipakha

Conditions

The carved eaves, covering the protruding joists supporting the lattice, is in a dilapidated state. Considering the hapazard arrangements of the carved blocks and the lack of proper joinery between the piece, we can say that the entire object has been constructed of salvaged elements and there is no planning in their placement.

Recommendations

Replace the frame as well as the lattice with new ones copied from 2.5.L.10. The frame should fit the space between the struts.

Replace the frame as well as the lattice with new ones copied from 2.5.L.10. The frame should fit the space between the struts.

Replace the frame as well as the lattice with new ones copied from 2.5.L.10. The frame should fit the space between the struts.

Replace the frame as well as the lattice with new ones copied from 2.5.L.10. The frame should fit the space between the struts.

Recommendations

It is recommended to keep the most authentic pieces and recarved the remaining pieces with reference to this.

Recommendations

Retain the reusable ones and construct a proper traditional joints between them. And recarve the remaining with reference these. so that the carved blocks depicting Garuda are right below the struts.



2.5.S.01 Original

-Kusala (corner horse) standing on motif depicting mountains

-mountain motif

-plain area for kulan

-a standing auxiliary figure under foliage details, wearing a garland and carrying a vessel in his raised right hand.

Conditions

The strut appears to be in good condition, though approx 7 inch long vertical crack is visible at the area above the head. The quality of the carving is not fine as compared to the carvings at the lower levels such as the doors and the windows. The features of the face have been highlighted with black color as it has weathered. It is coated with unsightly polychrome colors.

Recommendations

It needs to be stabilized and reinforced with steel members for seismic strengthening. The unhistorical paint from the strut needs to be cleaned.



2.5.S.08 Original

-Kusala (corner horse) standing on motif depicting mountains

-mountain motif

-plain area for kulan

-a standing auxiliary figure under foliage details, wearing a garland and carrying a vessel in his raised right hand.

Conditions

The strut appears to be in good condition, though a 4 inch long vertical crack can be noticed at area above the head of the main figure. The quality of the carving is not fine as compared to the carvings at the lower levels such as the doors and the windows. The features of the face have been highlighted with black color as it has weathered. It is coated with unsightly polychrome colors.

Recommendations

It needs to be stabilized and reinforced with steel members for seismic strengthening. The unhistorical paint from the strut needs to be cleaned.



2.5.S.02 Original

-layers of foliage

-one of the mother goddesses (Camunda), has four arms holding a drum & a book in her back hands and a water vessel & a human head in her fore hands. She is yellow. She is standing on human figure and wearing a garland of human skulls.

-lotus pedestal as the base for the deity

-plain area for kulan

-a sitting auxiliary figure coated with white color, under foliage details, holds a mani

-mountain motif

Conditions

The strut is in good condition however the lower section with the auxiliary figure is 15% weathered. It has several hairline cracks at the lower area around the base of the secondary figure. The quality of the carving is not as fine as compared to the carvings at the lower levels such as the doors and the windows. It is coated with unsightly polychrome colors.

Recommendations

It needs to be stabilized and reinforced with steel members for seismic strengthening. This should be done to properly support the heavy lattice work. The unhistoric paint from the strut needs to be cleaned.



2.5.S.03 Original

-layers of foliage

-one of the mother goddesses (Vaisnavi), has four arms holding a sword & a shield in her back hands and a hook & a conch shell in her fore hands. She is green. She is standing on Garuda, her vehicle and wearing a garland of human skulls.

-lotus pedestal as the base for the deity

-plain area for kulan

-a sitting auxiliary blue figure under foliage details, holding a mani

-lotus pedestal

Conditions

The strut is in good condition however the entire area below the Garuda is 25% worn out. The quality of the carving is inferior to the carvings at the lower levels such as the doors and the windows. It is coated with unsightly polychrome colors.

Recommendations

It needs to be stabilized and reinforced with steel members for seismic strengthening. This should be done to properly support the heavy lattice work. The unhistoric paint from the strut needs to be cleaned.



2.5.S.04 Post 1934

-two layers of whirlpool pattern

-kulan design

-two layers of whirlpool pattern

-ornate lotus flower

-kulan design

-flower motif in a block

-plain area for kulan

-four armed green deity (Vishnu or Krishna) holding cakra and gadha in his back hands and a flute (or a stick) in his forehands.

Conditions

The design and iconography of this strut is different from the others supporting the lattice. After the partial collapse of the building in the 1934, the entire roof structure and the lattice work was refurbished. So, it was during this reconstruction, this strut, which was probably salvaged from some other place, was used here. It is in good condition and painted with polychrome paints.

Recommendations

Retain this during the restoration as it itself is now a part of the history. It needs to be stabilized and reinforced with steel members for seismic strengthening. The unhistoric paint from the strut needs to be cleaned.



2.5.S.05 Original

-layers of foliage

-one of the mother goddesses (Indrayeni), has four arms holding a sword & a shield in her back hands and a bajra (thunderbolt) in forehand & a hand doing a blessing gesture. She is yellow in color. She is standing on an elephant, her vehicle and wearing a garland of human skulls.

-lotus pedestal as the base for the deity

-plain area for kulan

-a sitting auxiliary blue figure under foliage details, holding a mani

-lotus pedestal

Conditions

The strut is in good condition however the entire area below the plain area is 10% worn out and has fine vertical cracks. The quality of the carving is inferior to the carvings at the lower levels such as the doors and the windows. It is coated with unsightly polychrome colors. Facial features such as the eyes have been highlighted with black color.

Recommendations

It needs to be stabilized and reinforced with steel members for seismic strengthening. This should be done to properly support the heavy lattice work. The unhistoric paint from the strut needs to be cleaned.



2.5.S.06 Post 1934

-two layers of whirlpool pattern

-kulan design

-two layers of whirlpool pattern

-ornate lotus flower

-kulan design

-geometric pattern in a block

-plain area for kulan

-four armed green deity (Vishnu or Krishna) holding cakra and gadha in his back hands and a flute (or a stick) in his forehands.

Conditions

The design and iconography is similar to 2.5.L.04. This was also salvaged from other place and incorporated here after 1934 earthquake. It is in good condition with no damage visible and is painted with polychrome paints.

Recommendations

Retain this during the restoration as a part of the history. It needs to be stabilized and reinforced with steel members for seismic strengthening. The unhistoric paint from the strut needs to be cleaned.



2.5.S.07 Post 1934

-layers of foliage

-one of the mother goddesses (Indrayeni), has four arms holding a sword & a shield in her back hands and a bajra (thunderbolt) in forehand & a hand doing a blessing gesture. She is yellow in color. She is standing on an elephant, her vehicle and wearing a garland of human skulls.

-lotus pedestal as the base for the deity

-plain area for kulan

-a sitting auxiliary figure under foliage details, holding a mani

Conditions

The strut is a very poorly done copy of 2.5.S.05. It was most probably copied and added only after 1934 to replace a missing strut. It could also be from other place. It is in a good condition but the area with the auxiliary figure has 25% weathered. The carving is inferior. It is coated with unsightly polychrome colors. Facial features such as the eyes have been highlighted with black color.

Recommendations

Retain this during the restoration as a part of the history. It needs to be stabilized and reinforced with steel members for seismic strengthening. The unhistoric paint from the strut needs to be cleaned.



2.5.S.11 Original

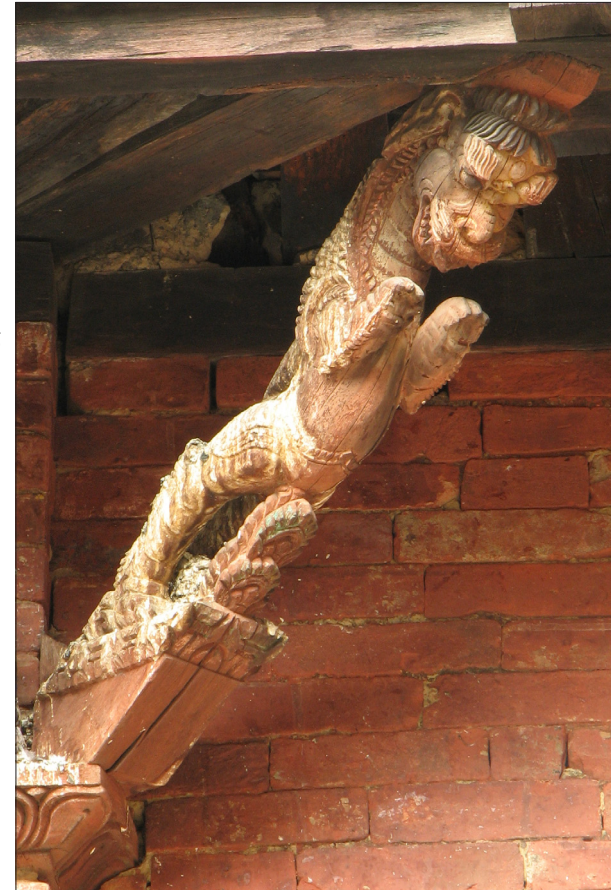
-Kusala (corner horse)
standing on motif depicting
mountains

Condition

The condition of the strut is fair and it has a large crack extending from its wings to the base. It is coated with unsightly polychrome with green color applied on the main body of the figure. The continuous settlement of dirt and bird droppings has weathered the backside of the strut.

Recommendations

It should be stabilized and a plank placed on the backside to protect it from bird droppings which cause a great amount of decay in the struts.



2.5.S.18 Original

-Kusala (corner horse) stand-
ing on motif depicting
mountains

Condition

The condition of the strut is fair and a large structural crack has developed in the base and the rest of the body also has hairline cracks. It is coated with unsightly polychrome with white color applied on the main body of the figure. The continuous settlement of dirt and bird droppings has weathered the backside of the strut.

Recommendations

It should be stabilized and a plank placed on the backside to protect it from bird droppings. Using steel plates against the crack, a steel bolt should be introduced to prevent the strut from rupturing.



2.5.S.09 Original

- layers of foliage

-the Sun god on his vehicle the goose

-mountain motif

-lotus pedestal as the base

Conditions

The strut is in good condition though a crack has developed at the foliage level. It has been painted with unsightly polychrome colors. The bird droppings has damaged the back side of the strut.

Recommendations

The unauthentic color should be removed. It should be stabilized and a plank placed on the backside to protect it from bird droppings.



2.5.S.10 Original

- layers of foliage

-the Moon god on his vehicle the horse

-mountain motif

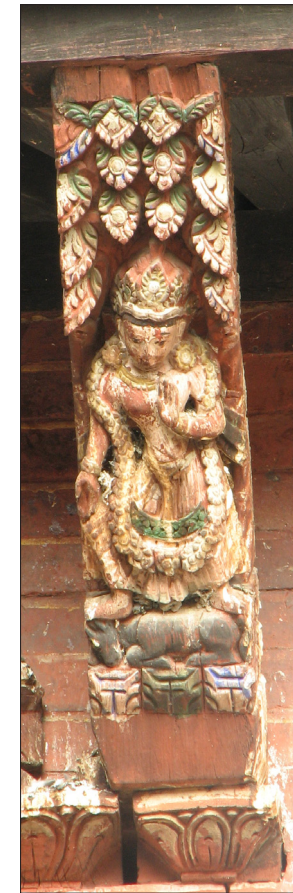
-lotus pedestal as the base

Conditions

It is in good condition. It has been painted with unsightly polychrome colors. The carvings are of poor quality. The bird droppings has damaged the back side of the strut.

Recommendations

The unauthentic color should be removed. It should be stabilized and a plank placed on the backside to protect it from bird droppings.



2.5.S.12 Original

-layers of foliage

-a female deity (probably Maheshwori) on her vehicle the bull

-mountain motif

-lotus pedestal as the base

Conditions

It is in good condition. The section above the foliage has breakages with two pieces of wood chipped off. And there are fine cracks at the bull. It has been painted with unsightly polychrome colors. The bird droppings has damaged the back side of the strut.

Recommendations

The unauthentic color should be removed. It should be stabilized and a plank placed on the backside to protect it from bird droppings.



2.5.S.13 Original

-layers of foliage

-a female deity with a foot on her vehicle probably a bull and another on a lotus pedestal

-two layers of mountain motif

-lotus pedestal as the base

Conditions

It is in good condition. The detailing in carving is a little different than in other ones with the vehicle and also a lotus pedestal as the base for the deity. It has been smudged with unsightly polychrome colors making the carvings uncomprehensible. The bird droppings has damaged the back side of the strut.

Recommendations

The unauthentic color should be removed. It should be stabilized and a plank placed on the backside to protect it from bird droppings.



2.5.S.14 Original from another building

-layers of foliage

-a female deity, mother goddess Indrayeni on her vehicle the elephant

-mountain motif

Conditions

It is in good condition., however has developed a crack at the area above the foliage. It has been smudged with unsightly polychrome colors making the carvings uncomprehensible. The bird droppings has damaged the back side of the strut.

Recommendations

The unauthentic color should be removed. It should be stabilized and a plank placed on the backside to protect it from bird droppings.



2.5.S.15 Original from another building

-layers of foliage

-a female deity, mother goddess Kaumari on her vehicle the peacock

-mountain motif

Conditions

It is in good condition. It is coated with unsightly polychrome colors. The bird droppings has damaged the back side of the strut.

Recommendations

The unauthentic color should be removed. It should be stabilized and a plank placed on the backside to protect it from bird droppings.



2.5.S.16 Original

-layers of foliage

-a green female deity on a motif depicting flying carpet????

- two layers of mountain motif

Conditions

It is in good condition., however the left portion above the foliage has chipped off. The right leg of the deity has a large crack. It has been painted with unsightly polychrome colors. The bird droppings has damaged the back side of the strut.

Recommendations

The unauthentic color should be removed. It should be stabilized and a plank placed on the backside to protect it from bird droppings.



2.5.S.17 Original but from other facade

-Kusala (corner horse) standing on motif depicting mountains

-lotus pedestal as the base

Conditions

It is in good condition. Comparing to the struts adjacent to this, it is different in style and is supposed to be a corner strut. Thus, it was probably brought from other facade and has been wrongly placed here. It has been painted with unsightly polychrome colors. The bird droppings has damaged the back side of the strut.

Recommendations

The unauthentic color should be removed. It should be stabilized and a plank placed on the backside to protect it from bird droppings.



2.5.S.19 Original

-layers of foliage

-a male deity (probably the Sun god) with one foot on a goose and another on a lotus pedestal

- mountain motif

Conditions

It is in good condition. It has been painted with unsightly polychrome colors. The bird droppings has damaged the back side of the strut.

Recommendations

The unauthentic color should be removed. It should be stabilized and a plank placed on the backside to protect it from bird droppings.



2.5.S.20 Original

-layers of foliage

-a male deity on a motif depicting a mattress

- two layers of mountain motif

Conditions

It is in good condition., however the right portion above the foliage has chipped off. The vehicle carved in this strut is unlike others in the same facade. It has several hairline cracks on its main body. The darkening of the wood in contact with moisture is visible at the right portion of the foliage area. It has been painted with unsightly polychrome colors. The bird droppings has damaged the back side of the strut.

Recommendations

The unauthentic color should be removed. It should be stabilized and a plank placed on the backside to protect it from bird droppings.



2.5.F.01 Original

- foliage

-a tantric figure (Camunda) with a skull garland and carrying a weapon and a vessel in his hands. And is standing on a human figure

-lotus pedestal

Conditions

It is in good condition. and has been painted with unsightly polychrome colors. Carving is of inferior quality.

Recommendations

The unauthentic color should be removed It should be stabilized to be incorporated when restoring the latticework.



2.5.F.02 Original

- foliage

-a tantric figure (Camunda) with a skull garland and carrying a weapon and asrivasta or the endless knot in his hands.

-lotus pedestal

Conditions

It is in good condition but area around its right leg has cracked. It has been painted with unsightly polychrome colors. Carving is of inferior quality.

Recommendations

The unauthentic color should be removed It should be stabilized to be incorporated when restoring the latticework.



2.5.F.03 Original

- foliage

-a tantric figure (Camunda) with a skull garland and carrying a sword and a vessel in his hands. And has a fire burning on his right side

-lotus pedestal

Conditions

It is in good condition. and has been painted with unsightly polychrome colors. Carving is of inferior quality.

Recommendations

The unauthentic color should be removed It should be stabilized to be incorporated when restoring the latticework.



2.5.F.04 Original

- foliage

-a tantric figure (Camunda) with a skull garland and carrying a rope in his right hand.

-lotus pedestal

Conditions

It is in good condition. and has been painted with unsightly polychrome colors making the carving incomprehensible. Carving is of inferior quality.

Recommendations

The unauthentic color should be removed It should be stabilized to be incorporated when restoring the latticework.



2.5.F.05 Original

- foliage

-a tantric figure (Camunda) with a skull garland

Conditions

About 70% has weathered considerably making the carvings incomprehensible. and has been painted with unsightly polychrome colors. Carving is of inferior quality.

Recommendations

The unauthentic color should be removed It should be stabilized to be incorporated when restoring the latticework.



2.5.F.06 Original

- foliage

-a tantric figure (Camunda) with a skull garland and carrying human bodies in his hands. And is standing on a crossed planks

-lotus pedestal

Conditions

It is in good condition. and has been painted with unsightly polychrome colors. Carving is of inferior quality and there are several cracks at the left area of the base

Recommendations

The unauthentic color should be removed It should be stabilized to be incorporated when restoring the latticework.



2.5.F.07 Original

- foliage

-a four armed deity carrying a gadha and a stick in his back hands and the lotus flower and the couch shell in his forehands

-lotus pedestal

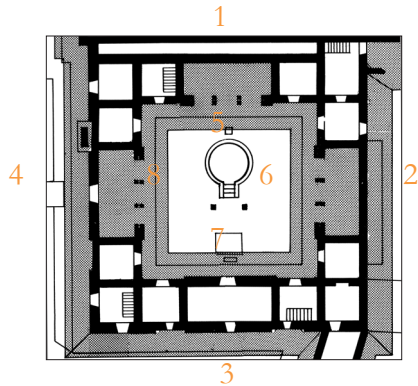
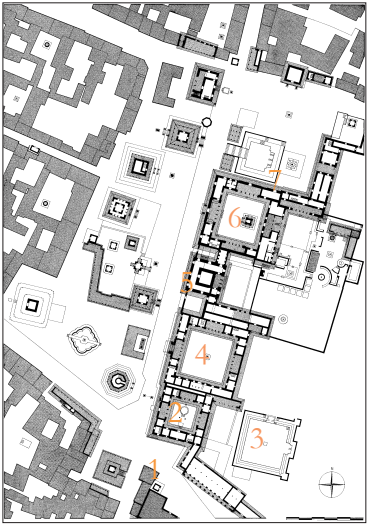
Conditions

It is in good condition. and has been painted with unsightly polychrome colors. Carving is of inferior quality.

Recommendations

The unauthentic color should be removed It should be stabilized to be incorporated when restoring the latticework.

Sundari Cok courtyard / east



2.6.S.01 - 08

2.5.L.01 -08

2.5.L.09 -17

2.6.F.01 - 07

2.6.S.09 - 20

2.6.W.01 - 06

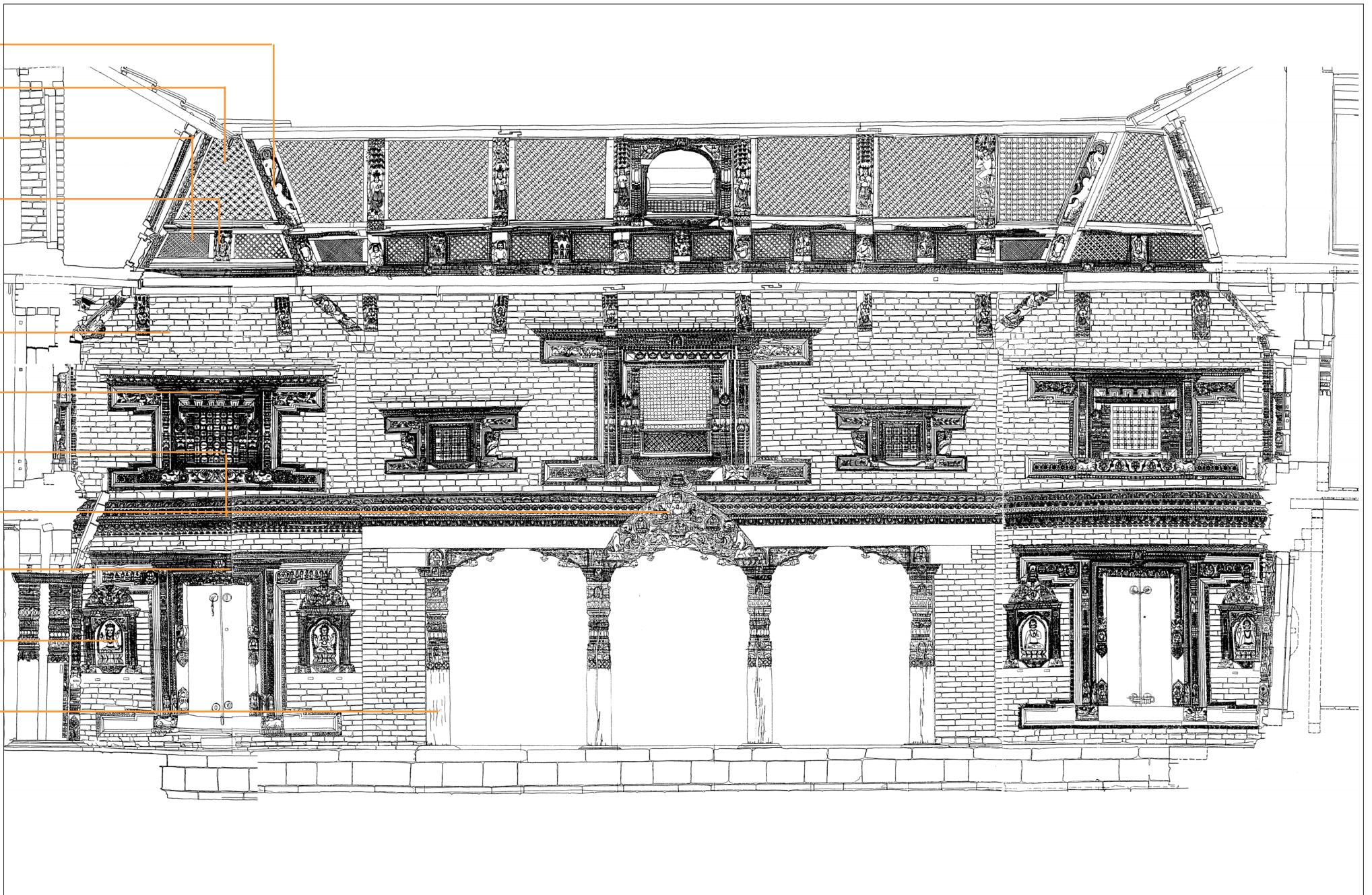
2.6.C.

2.6.T

2.6.D.01 - 02

2.6.N.01 - 04

2.6..P.01 - 04





2.6.N.01 Tympanum is original, frame after earthquake, statue after 1988

Sill	
-base	garuda
-centre	ornament with cusped lotus leaves, creeper and lotus flowers
Jambs	
-bottom	bib motif, ritual vessel
-middle	bands of leaves
-shaft	punctuated flower pattern, kulan motif
-top	egg pattern, lotus flowers in block
Inner frame	chain of creeper, a pair of birds eating fruits seeds
Image	four armed deity on lotus pedestal
Lintel	three stepped kulan design
Tympanum	
-perimeter	lotus pedestal, aquatic mystic animals, snakes girls, garuda
-image	four armed Bhairav on a pair of human figures
-pinnacle	lotus leaves, beads and seeds in three steps

Conditions

Its structure is in good condition. However, the lower portion around the base 10% weathered and this including the lotus pedestal of the deity has bleached considerably. The joints between the vertical and horizontal members of the frame have opened due to drying of timber. The vertical members of the inner frame appears to have been interchanged studying pattern on the arched section of the frame. A section of the cornice above the left pillar have damaged. The joint at the two pieces of tympanum has widened because of natural drying of the timber used. Some fragments of tympanum have come apart for example, the truck of left makara, beak of the central Garud. Though the pinnacle appears authentic, tympanum seems to miss a piece on top below it and was just nailed to it.

Recommendations

The statue in the niche has to be replaced with a high quality carving with an iconographcorrect meaning. The vertical members of the inner frame should be interchanged. The open joints between the vertical and horizontal members of the frames has to be tightly fixed. Same should be done for the joint at the tympanum.



2.6.D.01

Frame- Original / authentic, Shutters- authentic

Outer frame	line of lotus leaves
Bases at the threshold	deers
Jamb	
-bottom	guardians
-middle	ritual pot
-shaft	lotus leaves, frills, egg pattern, lotus flowers
-capital	carved god enclosed in a halo of flames
Inner frame	
-1st.	betel leaves
-2nd.	row of egg pattern
Secondary jamb	line of flowers and creepers
-middle	peacock and guardian deity under a halo and a flower motif
Secondary lintel	line of flowers and creepers, five 4 armed deities
Lintel	kula design
Proj. ends lintel	Sun god on horse and four of the asta rishis (sagas) on the left and the Moon god on his vehicle goose and the remaining four rishis.
Cornice	kula design fierce figure of four armed Bhairav at the centre., egg pattern, lotus pattern

Conditions

The structure is in good condition. The outer frame at the threshold has several breakages and pieces are missing. Both bases for the pillars, the threshold and some parts at the jamb are 70% weathered. Large vertical cracks extending from the top to the bottom area of the are visible at the both the inner jambs. Certain parts of the outer frame, most prominent in the right vertical member have bleached due to the reaction of the rainwater.

Recommendations

About 50 % of wood at the center of the threshold need to be replaced, because of the damaged fragments and the carved details at the outer frame should be copied from the existing ones.



2.6.N.02 Tympanum is original, frame after earthquake, statue after 1988

Sill

- base guardian figure (depicted as if to carry the pillars above)
- centre ornamental lotus flower and leaves carvings in cusped pattern

Jambs

- bottom bib pattern, ritual pot
- middle bands of leaves
- shaft punctuated flower pattern and lotus leaves
- top egg pattern, lotus flowers in block

Inner frame band of lotus petals, lotus flowers in the corners

Image six armed deity with folded fore hands and remain holding various at tributes Lintel three stepped kulan design

Tympanum

- perimeter lotus pedestal, aquatic mystic animals, snakes girls, garuda
- image four armed Bhairav on a pair of human figures, holding a sword and a shield in the back hands and fore hands in a mudra
- pinnacle lotus leaves, beads and seeds in three steps

Conditions

The structure is in good condition, but is 75% weathered particularly at the sill and the pillars. A fragment of the cornice above the right column have damaged which disturbs the aesthetic impression of the entire niche. The breakages at the tympanum includes the ones at the trunk of the makaras, the wings of Garud, arms of the naga kanyas and at the pinnacle.

Recommendations

The statue in the niche has to be replaced with a high quality carving with an iconographic ally correct meaning. The damaged cornice needs to be replicated with reference to the authentic one. The pinnacle should be properly fixed



2.6.N.03

Tympanum is original, frame after earthquake, statue after 1988

Sill

- base lions
- centre ornamental lotus flower and leaves carvings in cusped pattern

Jams

- bottom bib pattern, ritual pot
- middle bands of leaves
- shaft punctuated leaves with flower in the centre
- top egg pattern, petals in block

Inner frame

band of betel leaves, flowers in the corners

Image

deity, meditating on a lotus pedestal

Tympanum

- perimeter lotus pedestal, aquatic mystic animals, snakes girls, garuda
- image four armed Bhairav on a pair of human figures, holding two swords in the back hands and fore hands in a mudra
- pinnacle lotus leaves, beads and seeds in three steps

Conditions

The structure is in good condition. The lower section of the main image in the niche have bleached with the action of rainwater. The existing pinnacle is not an authentic one and was probably replaced .



2.6.D.02 Door frame-original / authentic, Shutters-original

Outer frame	line of lotus flowers
Bases at the threshold	horses
Jamb	
-bottom	guardians
-middle	ritual pot
-shaft	lotus leaves, frills, egg pattern, lotus flowers
-top	egg pattern, lotus flowers
-capital	lion faces
Inner frame	
-1st.	lotus leaves
-2nd.	row of egg pattern
Secondary jamb	line of flowers and creepers
-middle	depict makara with a guardian figure below
Secondary lintel	line of flowers and creepers, five armed deities beneath
Lintel	kula design
Proj. ends lintel	eight auspices signs with Sun and Moon God depicted on the left and right sections respectively .
Cornice	kula design, centred figure

Conditions

The structure is in good condition. The carvings are in excellent condition, expect for 5% of cornice around the center are broken and a large vertical crack on the right jamb at the area around the center. Right vertical member of the frame show signs of slight bleaching.

Recommendations

The structure requires only minor adjustments and cleaning.



2.6.N.04 Tympanum original, frame after earthquake, Statue after 1988

Sill

- base lions
- centre ornamental lotus flower and leaves carvings in cusped pattern with stripes of bead and lotus flowers

Jambs

- bottom bib pattern, ritual vessel
- middle bands of leaves
- shaft punctuated leaves with flower in the centre, kulan motif
- top egg pattern, criss cross pattern in a block

Inner frame band of betel leaves, mystical aquatic animals (*makaras*) in the corners

Image four armed deity on lotus pedestal

Tympanum

- perimeter lotus pedestal, aquatic mystic animals, snakes girls, garuda
- image Four armed Bhairav with sword and shield in his back hand and sitting on a pair of human figures
- pinnacle lotus leaves, beads and seeds in three steps

Conditions

The structure is in good condition. The pillars are about 10% weathered. The kulan above the right pillar has broken. The areas above the naga girls and the right wing of the garud of the tympanum have chipped off. The tympanum show traces of polychrome colours. The statue in the niche is of inferior quality. The surface is covered with a grey /brown layer of dust, dirt and bird dropping.

Recommendations

The statue in the niche has to be replaced with a high quality carving with an iconographically correct meaning. The arched pieces of the niche's frame need to be readjusted.



2.6.C Original



2.6.C.02 Original



2.6.C.03 Original



2.6.C.04 Original

All columns are detailed in repetitive traditional pattern. The motifs consist of (from bottom to top): An ornamental pattern with lotus flower motifs, a pedestal flanked by a pair of lions, a deity between two ritual pots, a layer with egg pattern, a circle of betel leaves, buffalo eyes motif, a circle of betel leaves, a layer of creeper, lotus leaves pattern, a string layer, again an egg pattern, crocus stamen. Few layers with lotus leaves and nahgvah patterns with a deity in an arched detail, lotus leaves, a chain of flowers in block, and finally three layers of kulan pattern with Lord Krishna playing flute as a central figure. The cusped capitals also depict repetitive motifs and has a pair of flying gandharvas (celestial beings) holding lotus flowers at the ends with a central deity. Each capital has a projecting mystical creatures at its ends.

Conditions

The pillars are in good structural condition however the wood is partially weathered. The weathering is more noticeable at the lower sections where they are mostly affected by rain, in many areas the carvings cannot be comprehended. 2.6.C.02 and 2.6.C.03 have a large vertical structural crack running across their body. Each has some pieces damaged and chipped off. The carvings at the capitals have 20% weathered.

Recommendations

The pillars at the centre of the arcade need to be reinforced. It can be done by introducing a pair of stainless steel plates, positioning them against the crack and bolting them, thus, structurally strengthening it.



2.6.T.	Tympanum-original, Pinnacle, upper section and the bottom part- new
bottom	Cheppu devouring a pair of snakes, and flanked by a pair of dragons clutching dogs
perimeter	pair of mystical aquatic animals (makaras) on lotus pedestals at base, whirlpool pattern symbolizing the tails of the makaras. At apex is Garuda holding a ritual pot, flanked two naga deities. Between these are the guardian deities, Singhini and Bangheni on its right and left respectively, both on lotus pedestal. Also has axillary figures of attendants carrying garlands.
central section	the principal deities, a multi armed and headed Vishnu ???? on lotus pedestal with his consort Lakshmi on his lap.
pinnacle	lotus flowers and seeds in three steps

Conditions

The whole entity show traces of unsightly polychrome colours. The joint between the four sections of the tympanum show thin cracks due to the natural drying of the wood. There are some small breakages at the carved deity at the right part of the periphery. The pinnacle, the upper section at the perimeter including the head of garuda and the cheppu are new additions. The quality of carving is extremely poor.

Recommendation

Replace the crude carvings with new finely executed carvings which are replicated from most intact tympanum i.e. 2.8 T. Stabilize the tympanum with plain wood on the backside. Fix the wood with screws through slot holes, so that the wood can continue the natural movement.



2.6.W.01

Frame-Original, Latticework-Original

Outer frame	chain of lotus leaves
Sill	
-bases	cows
- centre	ornamental lotus flowers and -leaves
- proj. ends	ornamental lotus flowers and -leaves
Jamb	in traditional pattern
-bottom	lotus flowers
-middle	ritual pot, lotus leaves
-shaft	plain
-top	lotus leaves, several layers of kulan pattern, egg pattern
-lintel	kula design
Inner frame	encircling lotus flowers
Sec. jamb	
-bottom	lotus flowers
-middle	kulan pattern, ritual pot, guardian figure
-lintel	five noses pattern with kula design beneath
Frame support	in traditional pattern like the sec. jamb
Lattice	rectangular macika pattern.
Proj. end at the Lintel	ornamental lotus flowers and -leaves
Cornice	triangle, mouse tooth patterns and terracotta bricks

Conditions

The structure is in a good condition with all the carvings still intact. Few minor cracks have developed at the sill, in the left inner jambs and at the left extended lintel. The traditional terracotta bricks are replaced with plain ones. The lower five vertical pieces at the left and three horizontal pieces of the lattice are damaged.

Recommendations

The window only requires minor cleaning. And about 10% of the vertical and horizontal members of the lattice at the lower area need to be replaced.



2.6.W.02

Frame-Original, Latticework-Original

Outer frame	chain of twisted ropes
Wall brackets	mystical animal and quarter round medallion, lotus flowers
Sill	
-bases	human manifestation of Garuda
- centre	ornamental lotus flowers and -leaves
- proj. ends	ornamental lotus flowers and -leaves
Jamb	in traditional pattern
-bottom	birds in block, three string motif
-middle	ritual pot, lotus leaves
-shaft	flowers
-top	egg pattern, lotus leaves, flowers in block
-lintel	kula design
Inner frame	two lines of lotus leaves, band of seeds, stripe of lotus petals
Lattice	rectangular pattern in <i>macika</i> style
Proj. end at the Lintel	ornamental lotus flowers and -leaves
Cornice	kulan pattern, terracotta bricks

Condition

The construction is in a good condition but lower portion of the outer frame around the sill has slightly worn off. The third and the seventh horizontal member from the top at the right side of the lattice are damaged. The right quarter medallion has developed a crack. The decorative terracotta cornice has been replaced with it's more simple version

Recommendation

Minor cleaning will be required and the damaged pieces of the lattice have to be repaired.



2.6.W.03

Frame-Original, Latticework-New

Outer frame	string of lotus flowers, different animals
Sill	
-bases	two wrestling figures.
- centre	ornamental lotus flowers and -leaves
- proj. ends	foliage motif
Jamb	in traditional pattern multiplied column
-bottom	lotus flowers in block, seven layers of kulan design
-middle	ritual pot, lotus leaves
-shaft	foliage details
-capital	deities
-lintel	kula design, egg motives, lotus leaves, seeds,, centred deity
Inner frame	encircling lotus leaves
Sec. jamb	traditional pattern
-bottom	lotus flowers in block
-middle	ritual pot, kulan pattern, egg and crocus stamen motifs, kirimukha motifs
-lintel	7 noses pattern carved with kirtimukha
Lattice	diagonal latticework consists of two pieces and is without any carvings.
Proj. end at the Lintel	Hunting scenes, tigers preying on deers under the foliage symbolizing jungle
Cornice	lotus leaves, lion heads and lotus flowers.

Conditions

The construction is in a good condition. The frame is authentic but the shutters are lost and has been replaced with plain pieces of lattice. This has been crudely nailed from inside. The crude carving in the apron plank suggests that it is a later addition. There is slight weathering at the lower portion of the sill as well as on the pillars. Large vertical cracks have developed on the inner jambs and pillars. These could cause structural problem to the overall construction of the window. Horizontal cracks on the projecting ends of the sill and at the cusped pattern in the sill are not critical. A few details are missing at the crowning cornice level. The crowning bricks are not authentic and are plain bricks. A coat of paint covers the wood and also show traces of polychrome painting.

Recommendations

Reinforce the damaged members with steel members such as the jambs. New shutters should be designed in traditional lattice style with reference to 2.8.W.03. The apron planks should be replaced. The plain authentic moulded bricks should be replaced with new traditional ones.



2.6.W.04

Frame-Original, Latticework-Original

Outer frame	chain of twisted ropes
Wall brackets	mystical animal and quarter round medallion, lotus flowers
Sill	
-bases	deers
- centre	ornamental lotus flowers and -leaves
- proj. ends	peacock
Jamb	in traditional pattern
-bottom	flowers in block, three string pattern
-middle	ritual pot, lotus leaves
-shaft	flowers
-top	egg pattern, lotus leaves, flowers in block
-lintel	kula design
Inner frame	two lines of lotus leaves, band of seeds, stripe of lotus petals
Lattice	rectangular pattern in <i>macika</i> style
Proj. end at the Lintel	foliage motif with peacocks
Cornice	kulan pattern, terracotta cornice

Conditions

The construction is in a good condition but the details at the outer frame has weathered . Two vertical and one horizontal members of the lattice work around the lowest left corner are damaged. The left quarter medallion and the cusped bracket of the window has fine hairline cracks. The joint between the right extending lintel and the vertical member have detached. The terracotta cornice above the has been replaced with it's more simple version. This was probably done to replace the damaged or missing decorative ones.

Recommendations

The lower damaged pieces of the lattice have to be repaired. The separated joints between the right extending lintel and the vertical member with cusped bracket has to be readjusted. The plain terracotta cornice should be replaced with new ones in traditional pattern



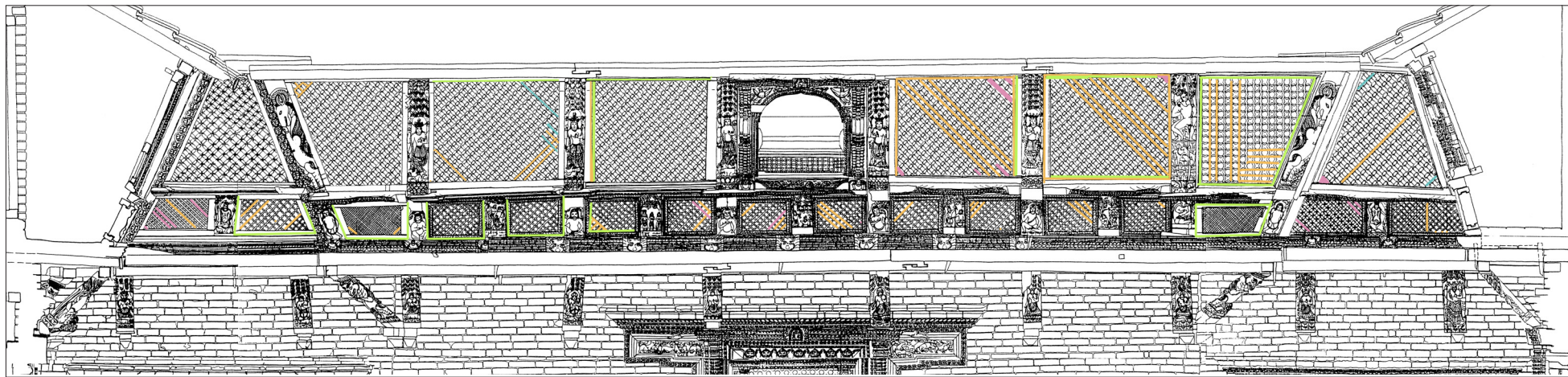
2.6.W.05	Frame-Original, Latticework- Added later
Outer frame	band of betel leaves
Sill	
-bases	deers
- centre	ornamental lotus flowers and -leaves
- proj. ends	ornamental lotus flowers and -leaves
Jamb	in traditional pattern
-bottom	lotus flowers
-middle	kulan pattern, ritual pot, lotus leaves
-Shaft	plain
-top	lotus leaves, several layers of kulan pattern, egg pattern
-lintel	kula design
Inner frame	encircling lotus flowers
Sec. jamb	
-bottom	lotus flowers
-middle	kulan pattern, ritual pot, peacock
-lintel	five noses pattern with kula design beneath
Frame support	in traditional pattern like the sec. jamb
Lattice	rectangular macika pattern.
Proj. end at the Lintel	ornamental lotus flowers and -leaves
Cornice	triangle, mouse tooth patterns

Conditions

The structure is in a good condition. The vertical member of the right extending sill and the top horizontal and the vertical member of the outer frame have been replaced with plain members. 15% of the elements are damaged. There are damages at the left base kulan, the pillars, the left base for the pillar, the areas of the kulan above the pillars and the left portion of the lintel. A large horizontal crack is present at the right extending lintel. The lattice work is a new one with no carvings, thus, is not corresponding to the pattern in similar 2.6.W.01. The traditional terracottacornice bricks is replaced with plain ones.

Recommendations

The plain members should be recarved with details copied from the existing ones. The entire base kulan needs to be replaced. New lattice should be recarved with patterns and details copied from 2.6.W.01



■ rotten
 ■ broken
 ■ missing
 ■ not fitting

Condition

- 2.6.L.01 lattice is salvaged from another place and doesn't fit into the frame. The frame is not original. There are several broken and missing elements
- 2.6.L.02 lattice is not original and is in good condition with small damages elements
- 2.6.L.03 lattice is not original, rotten and damaged parts at the lattice, doesn't fit into the frame.
- 2.6.L.04 lattice is not original, the left vertical frame is broken and the lattice doesn't fit into the frame
- 2.6.L.05 lattice is not original. The frame is broken and the lattice doesn't fit into the frame. Some parts of the lattice are broken and elements are missing.
- 2.6.L.06 lattice is not original.. The frame is broken and the lattice doesn't fit into the frame on the bottom and on top. Elements of the lattice are broken and missing
- 2.6.L.07 The lattice work seems authentic but is from another place and consist in two pieces, it doesn't fit into the frame
- 2.6.L.08 Lattice and frame are not original but in good condition
- 2.6.L.09 frame is not original, the lattice seems authentic and doesn't fit into the frame. The right portion consists of two pieces of lattice and is broken

Recommendation

- Completely refurbish the latticework with a replica of 2.5.L.03, which seems to be an authentic one. Install it in a new frame done in a traditional style with notches to hold the lattice
- Repair the damaged elements with new wooden members and fix them to the existing lattice.
- Repair the broken elements, remove the rotten parts and replace with new elements
- Replace the damaged frame and adjust the lattice into the frame
- Make a new frame. Stabilize the lattice at the broken areas and replace the missing parts with new elements. Fit the lattice into the new frame.
- Make a new frame. Stabilize the lattice at the broken areas and replace the missing parts with new elements. Fit the lattice into the new frame.
- Completely refurbish the latticework with a replica of 2.5.L.03
- Repair the small breakages at the lattice
- Repair the lattice and adjust into a new frame. Completely refurbish the right portion, including the frame.



Conditions

- 2.6.L.10 lattice and frame seems authentic, doesn't fit into the area between the struts., is damaged at some places
- 2.6.L.11 lattice and frame appear authentic and the frame doesn't fit into the area between the struts. The frame is carved.
- 2.6.L.12 lattice and the frame seem original. In the left area, there are small damages at the bottom of the lattice and the lattice does not fit into the frame. Similarly, in the right portion, there some pieces missing and damaged. The frame and the lattice fit together. The frames are carved.
- 2.6.L.13 lattice seems original but the frames are new and carved. Some of the elements are broken and missing in the lattice at both areas.
- 2.6.L.14 frame and the lattice are not authentic, but are in good condition. There are some damaged pieces at the both left and right areas.
- 2.6.L.15 Lattice seem original in both the sides. However, the left vertical frame member of the left portion is new and its remaining pieces are authentic. The frame in the right piece is completely new. Some elements of both the pieces of the lattice are broken.
- 2.6.L.16 lattice is not authentic, the frame is new and does not fit into the space between the struts.

Recommendations

- Repair the damaged lattice elements and refit it in a new frame
- Refurbish the frame and the lattice with a copy of the authentic pattern of lattice (2.5.L.03)
- Repair the damaged members and replace the missing. Stabilize the lattice in the existing frame, which is in good condition.
- Repair the damaged members and replace the missing. Stabilize the lattice in the existing frame, which is in good condition.
- The damaged pieces should be replaced and the lattice should be stabilized in the existing frame which is in good condition.
- The damaged member of the frame should be repaired. The missing and damaged pieces of the lattice should be restored and the entire set up should be stabilized.
- Replace the frame and the lattice with a copy of the authentic pattern

2.6.L.17. The left piece seems to have authentic lattice though some elements are missing and broken. There is a large crack in the frame. The lattice and the frame in the right hand area is not original. The lattice consists of two pieces. The frame has a broken vertical member. The lattice doesn't fit into the frame.

Repair the lattice and adjust into a new frame. Completely refurbish the right portion, including the frame.

2.6. Cornice above the apron plank

Conditions

It is a member detailed in kulan design above the apron lattice. There is not uniformity in detail and consists of various style. This is probably because they were salvaged from other places and reused here to compensate for the missing original ones after the 1934 earthquake. It is extensively damaged, particularly at the area around the struts.

Recommendations

It is recommended to keep the most authentic pieces and recarved the remaining pieces with reference to this.

2.6. Protruding eave / Dhalipakha

Conditions

The carved eaves, covering the protruding joists supporting the lattice, is in a dilapidated state. Considering the hapazard arrangements of the carved blocks and the lack of proper joinery between the piece, we can say that the entire object has been constructed of salvaged elements and there is no planning in their placement.

Recommendations

Retain the reusable ones and construct a proper traditional joints between them. And recarve the remaining with reference these. so that the carved blocks depicting Garuda are right below the struts.



2.6.W.06 Original, shutters new

Sill	
-base	lions
-centre	ornament of creeper framed by lotus leaves and seeds
Jamb	multiplied column
-bottom	flowers
-middle	traditional pattern, ritual pot, lotus leaves, egg pattern
-shaft	plain
-lintel	kulan design with centred god
Sec. Jamb	round arch, encircling lines of lotusleaves and betel leaves, guardians in the corners
Lattice	consists in a rail and shutters, diagonal
Surface	layer of red and white paint

Conditions

The joints between the horizontal and vertical inner frame supports are damaged and open. The left portion and the right corner of the apron lattice are damaged. The shutters are recently added and are in good condition. The window is covered with a red paint and the carvings are accentuated with white paint.

Recommendations

The inner frame needs new wood member for the connection of the frame support to the lintel. The latticework of the apron should be completely refurbished. The shutters should be retained since it is in good condition. The unhistoric color must be removed from the elements.



2.6.S.01 Original

-Kusala (corner horse)

-plain area for kulan

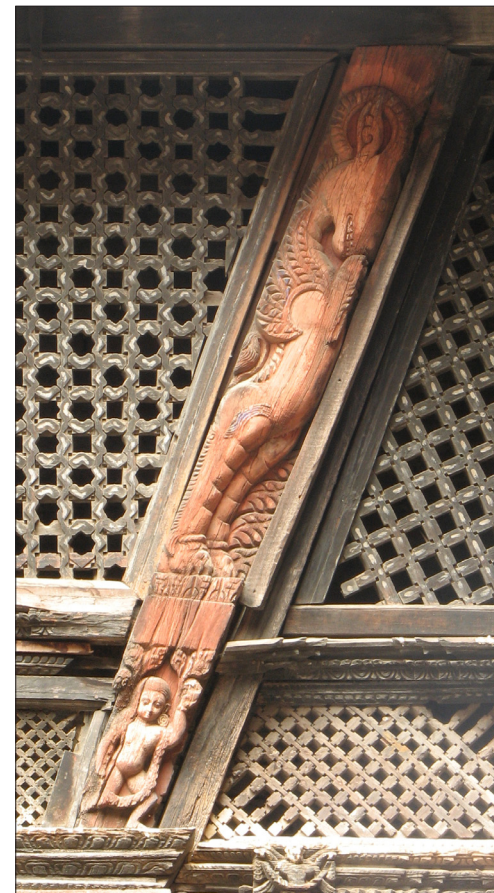
-a standing auxiliary figure under foliage details, wearing a garland and carrying a vessal in his raised right hand.

Conditions

It is in a rather good condition with no structural damage. It has been painted with unsightly polychrome colors. The facial features such as the eyes, mouth have been highlighted with black paint. The quality of carving is inferior as compared to the doors and windows at the lower levels.

Recommendations

It needs to be stabilized and reinforced with steel members for seismic strengthening. The unhistorical paint from the strut needs to be cleaned.



2.6.S.08 Original

-Kusala (corner horse)

-plain area for kulan

-a standing auxiliary figure under foliage details, wearing a garland and carrying a vessal in his raised right hand.

Conditions

The condition of the strut is fair. This is a mirror image of the 2.6.S.01. It has weathered considerably, especially at the lower area below the plain section. There are several hairline cracks on body the main figure. Major cracks have at the top area above the head of the main figure and on the auxiliary figure at the bottom. The lower right section of the auxiliary figure is effected wet rot and a section has fragmented due to this. Though this was also painted with polychrome colors, only the traces of the base red color remains. The quality of carving is inferior as compared to the doors and windows at the lower levels

Recommendations

The area affected by wet rot should be sliced off and be recarved to be attached to the original. It needs to be stabilized and reinforced with steel members for seismic strengthening. The unhistorical paint from the strut needs to be cleaned.



2.6.S.02 Original

-layers of foliage

-one of the mother goddesses (Camunda), has four arms holding a drum & (attribute is damaged) in her back hands and a book & a human head in her fore hands. She is yellow. She is standing on human figure and wearing a garland of human skulls.

-lotus pedestal as the base for the deity

-plain area for kulan

-a sitting auxiliary figure coated with white color, under foliage details, attributes are damaged

Conditions

It is in fair condition with minor damages at the lower area. The strut is a poor replica of the 2.5.S.02. The carving is very crude and is of inferior quality. The attribute in the left back hand is either lost or damaged. The area with the auxiliary image disfigured and damaged. There are huge cracks in the plain section. The strut has been painted with unhistoric polychrome colors.

Recommendations

It needs to be readjusted, stabilized and reinforced. A stainless steel member should be introduced for seismic strengthening, and also to support the heavy load of the lattice. The unauthentic color should be removed.



2.6.S.03 Original

-layers of foliage

-one of the mother goddesses, has four arms holding a drum & (attribute is damaged) in her back hands and a book & a human head in her fore hands. She is white. She is standing on human figure and wearing a garland of human skulls.

-lotus pedestal as the base for the deity

-plain area for kulan

-a sitting auxiliary figure coated with white color, under foliage details, attributes are damaged

Conditions

It is in a poor condition. The lower section with the auxiliary figure is completely damaged. Even the upper segment is affected by the wet rot; a large vertical crack runs in the body of the main figure. The principal figure is again a poor replica from 2.6.S.02 and the hands are not properly carved. It is coated with unauthentic colors.

Recommendations

The struts should be stabilized and reinforced with a stainless steel member. This should be done to support the weight of the lattice and during a seismic movement. The color should be carefully removed.



2.6.S.04 Original

-layers of foliage

-one of the mother goddesses (Indrayeni), has four arms holding a sword & shield in her back hands and a thunderbolt in her fore hand and one of the hands is in a gesture. She is standing on an elephant, her vehicle.

-lotus pedestal as the base for the deity

-plain area for kulan

-a sitting auxiliary figure coated with white color, under foliage details, attributes are damaged

Conditions

The strut is in fair shape. However, the lower areas are heavily weathered, the foliage in the right is damaged. There are several vertical cracks in the main part of the strut. The quality of the carving is very inferior. It is painted with a layer of unsightly polychrome colors.

Recommendations

It has to be stabilized and retrofitted with a stainless steel member to support the heavy load of the lattice. This is also important for the seismic strengthening. We need to take off the damaged and unauthentic paint from the strut.



2.6.S.05 Original

-layers of foliage

-one of the mother goddesses (Vai-snavi), has four arms holding a sword & a shield in her back hands and a hook & a conch shell in her fore hands. She is green. She is standing on Garuda, her vehicle.

-lotus pedestal as the base for the deity

-plain area for kulan

-a standing auxiliary blue figure under foliage details, the attributes are damaged

Conditions

The strut is in good condition with a part of the lower area damaged and missing. The main figure is a poor replica of the 2.5.S.03. A foot of the principal deity is damaged, so is the face of the Garuda. A layer of unsightly polychrome colors is coated on the strut.

Recommendations

The unhistoric color from the figures should be carefully removed so as not to damage the fabric of the strut. Then it should be restabilized and reinforced with stainless steel member.



2.6.S.06 Original

-layers of foliage

-one of the mother goddesses (Maheswari), has four arms holding a gadha & an axe in her back hands and a hammer & a rope in her fore hands. She is pink. She is standing on a bull, her vehicle.

-lotus pedestal as the base for the deity

-plain area for kulan

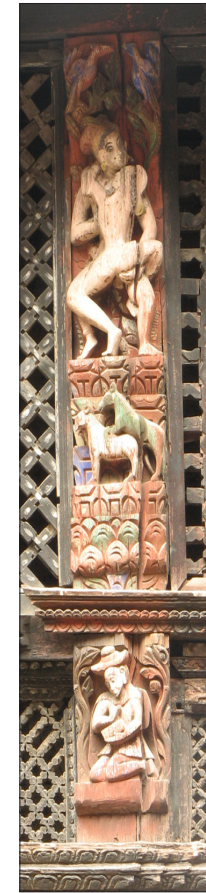
-a sitting auxiliary figure under foliage details, carrying a vessel

Conditions

It is in a good condition. The detailing of the carving of the principal figure is different from the other struts in the same facade. The quality of the carving is inferior as compared to the lower doors and windows. It is painted with a layer of unhistoric polychrome colors

Recommendations

It should be stabilized and readjusted before retrofitted with a new steel components for seismic strengthening. And the colors need to be removed.



2.6.S.07 Original but from other buildings

-a pair of birds

- erotic figures on the motif depicting mountains

- a pair of coupling horses on the mountain motif

-lotus pedestal as the base

-plain area for kulan

- a sitting auxiliary figure under foliage, holding a book. (From the iconography of the image, it can be said that it is one of the eight siddhas)

Conditions

A large vertical crack extends from the top to the bottom of the strut. The female figure at the top is damaged. The main figure depicted here is distinctive because of its erotic features, unlike other ones in the facade. It was probably salvaged from some other buildings and was reused here. It is coated with unsightly polychrome colors.

Recommendations

It should be reinforced with a stainless steel member to support the load of the lattice and also for seismic strengthening. The color should be removed.



2.6.S.11 Original

-Kusala (corner horse)
standing on motif
depicting mountains

Conditions

It is in a fair condition. A large vertical crack has developed in the body of the strut. It is coated with polychrome colors, which is in poor condition itself. The back of the strut is considerably weathered due to continuous settlement of the dirt and bird droppings.

Recommendations

A plank needs to be fixed behind the strut to prevent the further its decay from the bird droppings. In order to prevent the strut from rupturing, a new steel member must be introduced to share the load with the strut. The unhistoric color should be removed.



2.6.S.18 Original

-Kusala (corner horse)
standing on motif
depicting mountains

Conditions

The strut has worn out considerably, specially at the back because of the continuous contact with dust and bird droppings for a very long period. A crack extends from the bottom of the strut to the wing of the kusala. It is painted with unhistoric polychrome colors.

Recommendations

A plank needs to be fixed behind the strut to prevent the further its decay from the bird droppings. In order to prevent the strut from rupturing, a new steel member must be introduced to share the load with the strut. The unhistoric color should be removed.



2.6.S.09 Original

-layer of foliage

-a female deity with her hands in a gesture and with her right foot on a bull and left foot on a lotus pedestal

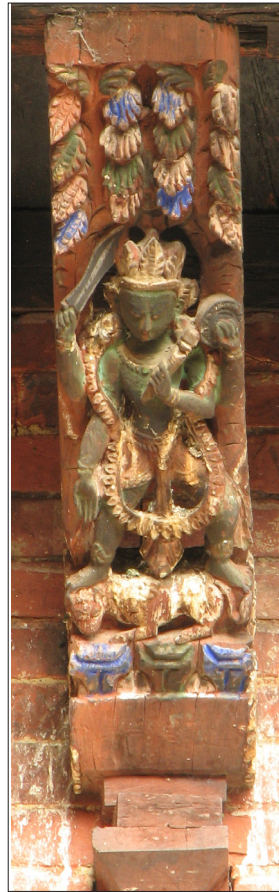
-motif depicting mountains

Conditions

It is worn out, weathering is more prominent at the top. The back of the strut too has weathered because of accumulating dirt and bird droppings. The quality of the carving is rather inferior. It is coated with unsightly polychrome color.

Recommendations

The unhistoric color from the figures should be carefully removed so as not to damage the fabric of the strut. Then it should be restablized and a plank added behind it to prevent its further damage from bird droppings.



2.6.S.10 Original

-layer of foliage

-a four armed male deity carrying a sword & a shield in his back hands and a forehand is in a mudra and a gadha in another. He is standing on a bull or a horse

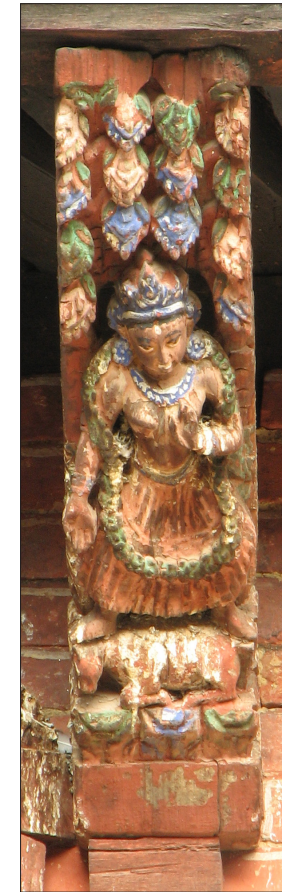
-motif depicting mountains

Conditions

It is in good condition. The top left portion of the strut has chipped off. The carving details are rather poor. The continuous settlement of dirt and bird dropping has damaged the back of the strut. A layer of unhistoric polychrome colors covers it.

Recommendations

A plank needs to be fixed behind the strut to prevent the further its decay from the bird droppings. The unhistoric color should be removed.



2.6.S.12 Original

-layer of foliage

-a female deity with her hands in a gesture and standing on a horse

-motif depicting mountains

Conditions

The back area of the strut has weathered due to the accumulation of dust and bird dropping. Its upper portion has chipped off. The quality of the carving is very low grade.

Recommendations

The unauthentic color should be removed. It should be stabilized and a plank placed on the backside to protect it from bird droppings.



2.6.S.13 Original

-layer of foliage

-a four armed female deity (attribute are not clear) with a foot on a tortoise and another on a lotus pedestal.

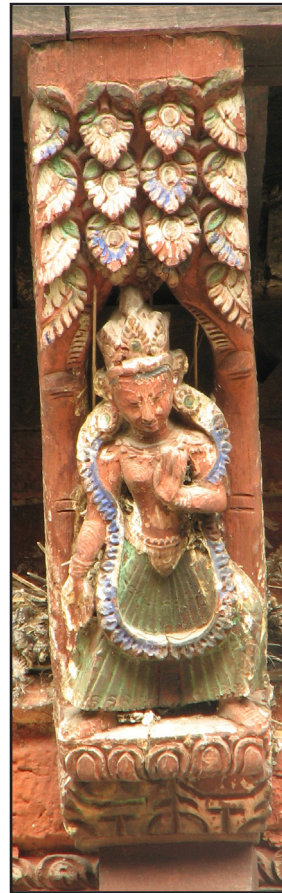
-motif depicting mountains

Conditions

It is weathered and upper portion has fragmented. The back area of the strut has weathered due to the accumulation of dust and bird dropping. The attributes are not clear. The quality of the carving is rather inferior. It is coated with unsightly polychrome color.

Recommendations

A plank needs to be fixed behind the strut to prevent the further its decay from the bird droppings. The unhistoric color should be removed.



2.6.S.14 Original

-layer of foliage

-a female deity with her hands in a mudra

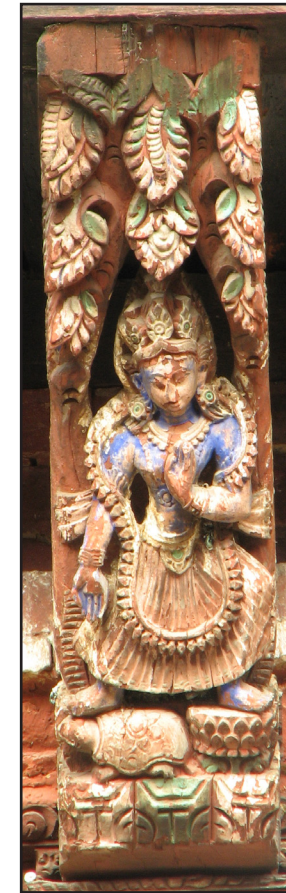
-lotus pedestal as the base for the figure

Conditions

It is in a good condition. However the accumulating bird dropping and the dirt has damaged the back of the strut. The quality of the carving is rather inferior. It is coated with unsightly polychrome color.

Recommendations

The unhistoric color from the figures should be carefully removed so as not to damage the fabric of the strut. Then it should be restablized and a plank added behind it to prevent its further damage from bird dropping



2.6.S.15 Original

-layer of foliage

-a female deity with her hands in a mudra and has a foot on a tortoise and another on a lotus pedestal.

-motif depicting mountains

Conditions

It is worn out, weathering is more prominent at the top. Thw back of the strut too has weathered because of accumulating dirt and bird droppings The quality of the carving is rather inferior. It is coated with unsightly polychrome color.

Recommendations

The unhistoric color from the figures should be carefully removed so as not to damage the fabric of the strut. Then it should be restablized and a plank added behind it to prevent its further damage from bird dropping



2.6.S.16 Original

-layer of foliage

-a female deity with her hands in a gesture and standing on a lotus pedestal

-motif depicting mountains

Conditions

The carvings at the top foliage are heavily weathered and has 75% of the foliage fragmented. Also, the facial features of the main figure has worn out. The back portion of the strut is affected by the long accumulating bird dropping and dirt. It is colored with unsightly polychrome paint

Recommendations

The unhistoric color from the figures should be carefully removed so as not to damage the fabric of the strut. Then it should be restablized and a plank added behind it to prevent its further damage from bird dropping



2.6.S.17 Original

-layer of foliage

-a female deity with her hands in a gesture and has a foot on a radish and another on a lotus pedestal

-motif depicting mountains

Conditions

It is in good condition. A crack has developed at the top area above the foilage. The carving details are good. The continuous settlement of dirt and bird dropping has damaged the back of the strut. A layer of unhistoric polychrome colors covers it.

Recommendations

A plank needs to be fixed behind the strut to prevent the further its decay from the bird droppings. The unhistoric color should be removed.



2.6.S.19 Original

-layer of foliage

-a female deity with her hands in a gesture and has a foot on a human figure and another on a lotus pedestal

-motif depicting mountains

Conditions

The strut is in good condition, however, the features of the main figure are worn out. The back area of the strut has weathered due to the accumulation of dust and bird dropping. It is coated with unsightly polychrome color.

Recommendations

The unauthentic color should be removed. It should be stabilized and a plank placed on the backside to protect it from bird droppings.



2.6.S.20 Original but from a different building

-layer of foliage

-a four armed female deity (Kaumari), carrying a string of beads and a bunch of peacock feathers in her back hands and the fore hands are in a mudra, standing on a peacock

-motif depicting mountains

Conditions

It is in a good condition. However the accumulating bird dropping and the dirt has damaged the back of the strut. The quality of the carving is rather inferior. It is larger in size than other struts in the same facade and also has its upper and lower levels cut to be adjusted here. So it was probably salvaged from other area. It is coated with unsightly polychrome color.

Recommendations

The unhistoric color from the figures should be carefully removed so as not to damage the fabric of the strut. Then it should be restablized and a plank added behind it to prevent its further damage from bird dropping



2.6.F.01 Original

-foliage

-a tantric figure with horse hoofs instead of hands and has a human figure in its side

-lotus pedestal

Conditions

It has weathered heavily, making the details incomprehensible. 80% of the details have worn out. It has been painted with unsightly polychrome colors. Carving is of inferior quality.

Recommendations

The unauthentic color should be removed. It should be stabilized to be incorporated when restoring the latticework.



2.6.F.02 Original

-foliage

-a scene depicted from Krishna Lila, probably showing a gopini being carried by Krishna ????

-inscription describing the scene above

Conditions

It has weathered slightly. The area around the right foliage has severely worn out. It has been painted with unsightly polychrome colors. The quality of the carving is inferior.

Recommendations

The unauthentic color should be removed. It should be stabilized to be incorporated when restoring the latticework.



2.6.F.03 Original

-foliage

-a scene depicting Lord Krishna with his two gopinis

-inscription describing the scene above

Conditions

It has weathered slightly and has been painted with unsightly polychrome colors. The quality of the carving is inferior.

Recommendations

The unauthentic color should be removed. It should be stabilized to be incorporated when restoring the latticework.



2.5.F.04 Original

-foliage

-a scene depicting Lord Krishna raising the Mount Govardhan with his single hand

-inscription describing the scene above

Conditions

It has weathered slightly and has been painted with unsightly polychrome colors. The quality of the carving is inferior.

Recommendations

The unauthentic color should be removed. It should be stabilized to be incorporated when restoring the latticework.



2.6.F.05 Original

-foliage

-a scene depicted from Krishna Lila, a chat between Indra and Krishna (sitted)

-incription describing the scene above

Conditions

It has weathered slightly and has been painted with unsightly polychrome colors. A large crack has developed at the center of the carving. The quality of the carving is inferior.

Recommendations

The unauthentic color should be removed It should be stablized to be incorporated when restoring the latticework.



2.6.F.06 Original

-foliage

-a scene depicting a noble person performing a goverdhan puja with a female demonic figure.

-incription describing the scene above

Conditions

It has weathered slightly and has been painted with unsightly polychrome colors. The quality of the carving is inferior.

Recommendations

The unauthentic color should be removed It should be stablized to be incorporated when restoring the latticework.



2.6.F.07 Original

-foliage

-a tantric figure carrying a gadha and a trident and standing on human figure

-lotus pedestal

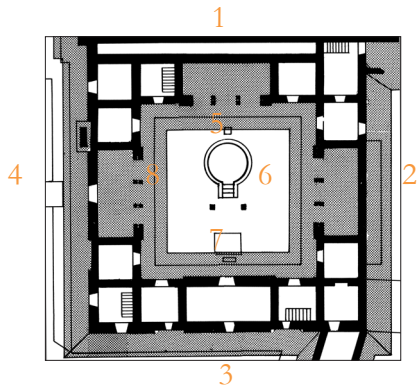
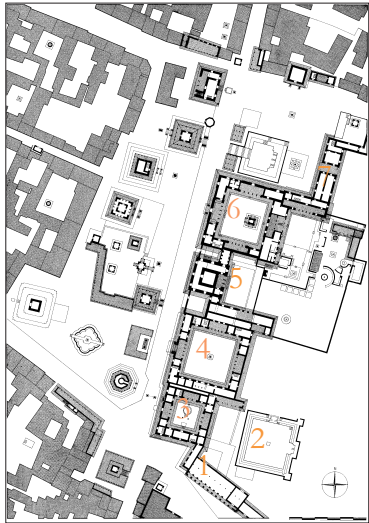
Conditions

It has weathered heavily. and has been painted with unsightly polychrome colors. The features of the human figure has severely damaged Carving is of inferior quality.

Recommendations

The unauthentic color should be removed It should be stablized to be incorporated when restoring the latticework.

Sundari Cok courtyard / south



2.7.S.01 - 08

2.5.L.01 -08

2.7.L.09 -17

2.7.F.01 - 07

2.7.S.09 - 20

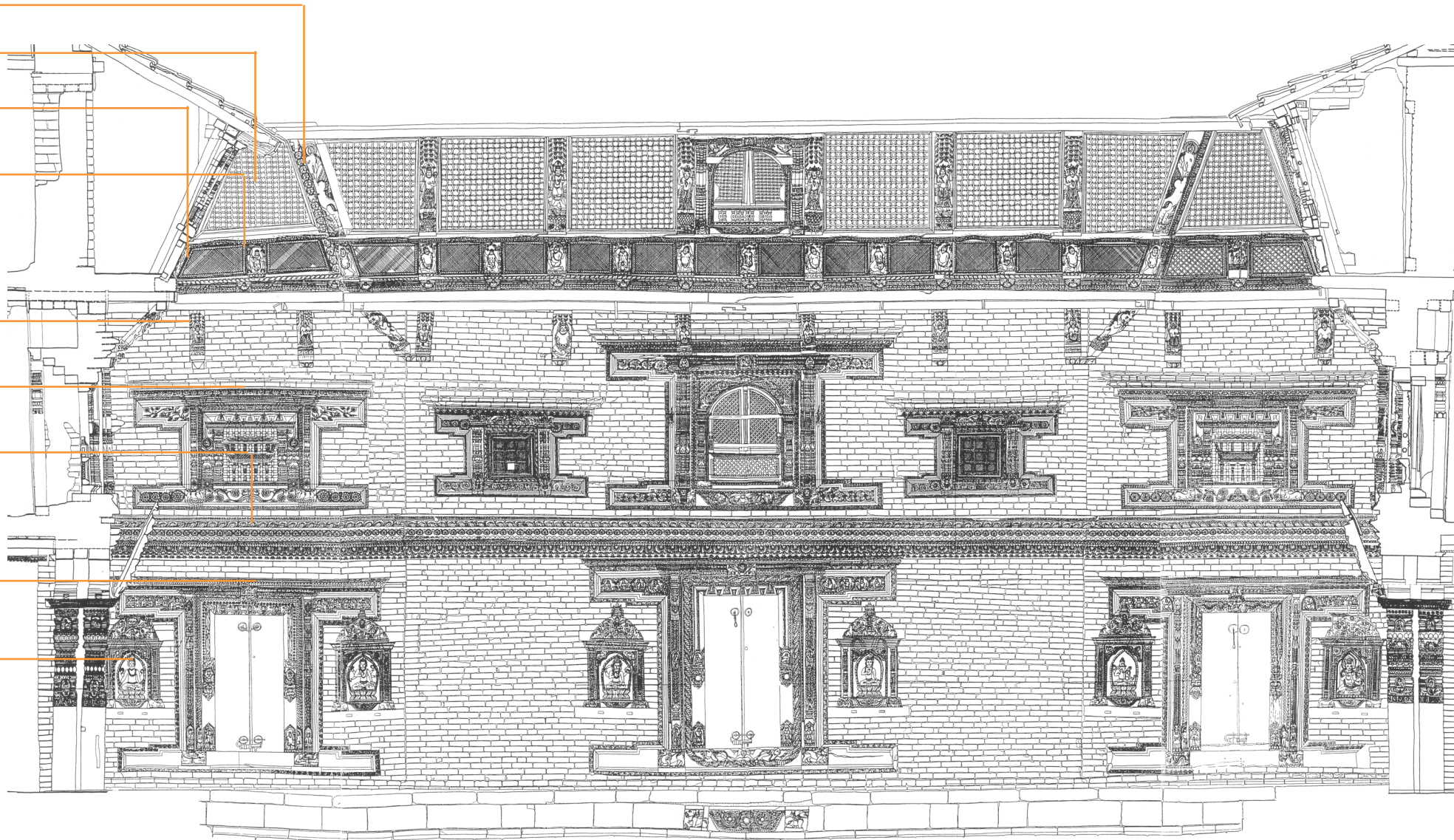
2.7.W.01 - 06

2.7.C.

2.5.D.01 - 02

2.5.N.01 - 04

-





2.7.N.01 Tympanum-original, frame-after earthquake, statue-after 1988

Sill	
-base	lions
-centre	cusped pattern with lotus leaves, a stripe of bead and lotus flowers
Jambs	
-bottom	ritual pot
-middle	flower pattern
-shaft	string of lotus petals
-top	kulan motif, egg pattern and flower in a block.
Inner frame	a band of lotus petals with lotus flowers at the corners
Image	a four armed deity holding a string of beads & thunderbolt in his back hands and a bow & lotus flower in his fore hands.
Lintel	three stepped kulan design
Tympanum	
-perimeter	lotus pedestal, mystical aquatic animals at the bases and kirtimukha devouring a pair of snakes
-image	four armed Bhairav carrying sword and shield in his back hands and the fore hands in a gesture, on a pair of human figures
-pinnacle	missing

Conditions

The structure is in good condition with the details still intact. However the 15% of left jamb has weathered. The lotus pedestal of the deity has bleached considerably. A section of the cornice above the left pillar is damaged. The tympanum shows traces of polychrome paints. The pinnacle is lost.

Recommendations

The statue in the niche has to be replaced with a high quality carving with an iconographically correct meaning. The pinnacle should be recarved with reference to the authentic existing one in the same facade. Only cleaning is required. The method of cleaning has been attached as an annex with this report.



2.7.D.01

Frame-Original / authentic, Shutters-New (1988)

Outer frame	encircling creeper
Bases at the threshold	elephants
Jamb	
-bottom	guardians
-middle	ritual pot
-shaft	bands of lotus flowers, lotus leaves, frills, egg pattern, lotus flowers
-top	flower pattern on a fish
Secondary jamb	encircling creeper motif and egg pattern
-bottom	guardians
-middle	kirtimukhs, guardian deity on lotus pedestal, mystical aquatic animal, a pair of lizards
Secondary lintel	five forms of Garud, clutching serpents
Lintel	kula design and have a scene depicting Lord Krishna playing flute with his consorts Rukmini and Satyawama under foliage
Proj. ends lintel	eight Bhairavs
Cornice	kula design with egg pattern, lotus petals

Conditions

The structure is in a good condition but the threshold is not stable and has distorted under the weight.. The left extending lintel and the inner lintel have developed horizontal cracks. Likewise, the left inner jamb has vertical cracks.

Recommendations

The threshold needs to be stabilized by introducing a new steel member. Otherwise only cleaning is necessary.



2.7.N.02 Tympanum-original, frame-after the earthquake, statue-after 1988

Sill	
-base	mystical creatures (sardul)
-centre	cusped pattern with lotus leaves, a strip of bead and lotus flowers
Jambs	
-bottom	ritual vessel
-middle	flower pattern
-shaft	bands of leaves
-top	kulan motif, egg pattern and criss-cross pattern in a block
Inner frame	a band with flower motifs with lotus flowers at the corners
Image	six armed deity holding a hook, a thunderbolt, a rope & an umbrella in his back hands and the fore hands are in a gesture.
Lintel	three stepped kulan design
Tympanum	
-perimeter	lotus pedestal, mystical aquatic animals at the bases and snake girls with Garud at the apex
-image	four armed Bhairav, carrying a sword & shield in the back hands and the fore hands in a kind of gesture, on a coiling snake
-pinnacle	three levels with leaves, bead and seeds

Conditions

The structure is in good condition, the carvings are still intact. The quality of the principal image is rather inferior. The image show traces of polychrome colour.

Recommendations

The statue in the niche has to be replaced with a high quality carving with an iconographically correct meaning. Only cleaning is required.



2.7.N.03 Tympanum-original, frame-after the earthquake, statue-after 1988

Sill	
-base	lions between foliage
-centre	cusped pattern with lotus leaves, a strip of bead and has an eternal knot (Srivatsas) at the centre
Jambs	
-bottom	ritual vessel
-middle	flower pattern
-shaft	bands of two different patterns of leaves on top and bottom
-top	kulan motif, egg pattern and beads pattern in a block
Inner frame	A band of plaited ropes with mystical lions with the divine figures with garlands
Image	four armed deity holding a sword and a shield in his back hands and the fore hands are in a gesture
Lintel	three stepped kulan design
Tympanum	
-perimeter	lotus pedestal, mystical aquatic animals at the bases and snake girls with Garuda at the apex
-image	four armed Bhairav, carrying a trident & a shield in the back hands and the fore hands in a kind of gesture, sitting on a human figure)
-pinnacle	three levels with leaves, bead and seeds

Conditions

The structure is in good condition with intact carvings. The quality of the principal image is rather inferior. There is 5% breakage at the egg pattern in the right jamb of the frame. Similarly center of the cornice are also damaged.

Recommendations

The statue in the niche has to be replaced with a high quality carving with an iconographically correct meaning. Only cleaning is required.



2.7.D.02

Frame-Original / authentic, Shutters-New (1988)

Outer frame	encircling string of creeper
Bases at the threshold	lions with two demonic figures facing opposite direction at the centre
Jamb	
-bottom	our armed deity with few layers kulan pattern and a ritual vassal above
-middle	guardian figure
-shaft	bands of lotus flowers, lotus leaves, frills, egg pattern, lotus flowers
-top	Flower pattern on a fish
Secondary jamb	encircling a pair of entwining snakes and lotus leaves pattern
-bottom	guardians
-middle	a very ornate floral pattern, the figures of Ganga and Yamuna in the right and left jamb respectively, a line of flowers, which extends to the inner lintel.
Secondary lintel	Five nose patterns
Lintel	kulan pattern and has a Garud image, standing on the heads of the coiling snakes, at the centre
Proj. ends lintel	eight images of various deities (most probably the Asta Dik pals or the keepers of the World).
Cornice	kula design with egg pattern, lotus petals

Conditions

The structure is in good condition and all the carvings are still intact except for a few elements. The left vertical members of the outer frame at the threshold level have been replaced with new unadorned piece and has cracked. The lower ritual pot above the few layers of kulan at has damaged. The lower portion of the threshold has slightly weathered. The left projecting end of the threshold has a horizontal crack.

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Recommendations

Replace the plain member of the outer frame with the carved detail replicated from the original design.



2.7.N.04 Tympanum-original, frame-after the earthquake, statue-1988

Sill

- base lions between foliage
- centre cusped pattern with lotus leaves, a stripe of bead and lotus flowers

Jambs

- bottom a ritual vessel above a plain section
- middle flower pattern
- shaft bands of betel leaves
- top kulan motif, lotus leaves and a plain section

Inner frame a chain of betel leaves with lotus flowers at the corners

Image a deity with hands in a gesture

Lintel three stepped kulan design

Tympanum

- perimeter lotus pedestal, mystical aquatic animals at the bases and snake girls with Garud at the apex
- image Four armed Bhairav, carrying a sword & a shield in the back hands and the fore hands in a kind of gesture, sitting on a pair of human figure)
- pinnacle three levels with leaves, bead and seeds

Conditions

The structure is in good condition. The entire object is very crude and shows different patterns as compared to the carvings at the other niches at the south wing. This is more noticeable at the frame; a strip of lotus leaves flanking the jambs are missing and the cornice is plain without any carvings. This was executed by another craftsmen and dates later than other niches. The quality of the principal image is rather inferior.

Recommendations

The statue in the niche has to be replaced with a high quality carving with an iconographically correct meaning. Replace the frame with a new one replicated from the one in the same facade. However the tympanum should be retained since it is an authentic one.



2.7.N.05 Tympanum-original, frame-after the earthquake, statue-after 1988

Sill	
-base	lions
-centre	lotus leaves, a stripe of bead and has a divine figure (appears to be soaring in a celestial space) holding a sword and a shield between them
Jambs	
-bottom	a ritual vessel
-middle	flower pattern
-shaft	bands of leaves
-top	kulan motif, egg pattern and beads pattern in a block
Inner frame	a string of lotus flowers with lotus flowers at the corners
Image	Uma Maheswor on a lotus pedestal
Lintel	three stepped kulan design
Tympanum	
-perimeter	lotus pedestal, mystical aquatic animals at the bases and snake girls with Garud at the apex
-image	Four armed Bhairav, carrying a sword & a sheild in the back hands and the fore hands in a kind of gesture, sitting on a human figure
-pinnacle	three levels with leaves, bead and seeds

Conditions

The structure of the niche is good condition. The carvings are still intact, some areas have damaged. 75 % of the kulan detail above the pillars have breakages. The quality of the principal image is rather inferior.. The joints of the vertical members with the lintel and the base are slacking. A horizontal crack has developed on the cusped central carving at the base.

Recommendations

The statue in the niche has to be replaced with a high quality carving with an iconographically correct meaning. The joints of the lintel, supports and base need to be fixed.



2.7.D.03

Frame-Original / authentic, Shutters-New (1988)

Outer frame	encircling band of creeper
Bases at the threshold	dragons
Jamb	
-bottom	guardians figures
-middle	a ritual pot
-shaft	bands of lotus leaves and frills, lotus leaves, egg pattern, kulan pattern
-top	demonic figure
Secondary jamb	line of creeper motif and a row of egg pattern
-bottom	guardians
-middle	an elaborately carved kirtimukha, human form of the snake girl, her coiling body between a line of whirlpool pattern and a string of flowers which extends to the lintel
Secondary lintel	Chhepu or kirtimukha clutching a pair of snakes
Lintel	kulan pattern and has a soaring Garud holding a pair of snakes at the centre.
Proj. ends lintel	eight Mother Goddesses

Conditions

The structure is in a fair condition. The lower section of the threshold and the outer frame at this area are damaged. The vertical members of the outer frame at the threshold are missing. The left portion of the frame is damaged at the lower level. Likewise, there are some breakages at the middle section of the lintel (kulan). The band of creepers encircling the outer frame has bleached considerably at the lower areas. A horizontal piece of timber is added above the threshold, probably to close the gap caused by the decay of the shutters.

Recommendations

Replace both vertical members of the outer frame at the projecting end of the door sill and the damaged bottom horizontal element of the door sill. These should be carved with the detail from the existing elements.



2.7.N.06 Frame -after the earthquake, Statue and tympanum-original.

Sill	
-base	Dogs
-centre	cusped pattern with lotus leaves, a stripe of bead and lotus flowers
Jambs	
-bottom	ritual pot
-middle	flower pattern
-shaft	bands of leaves
-top	kulan motif, egg pattern and flower in a block.
Inner frame	a band of lotus leaves with lotus flowers at the corners
Image	Indra on human figure, carrying with his consort on his lap and holding thunderbolt in his right hand
Lintel	three stepped kulan design.
Tympanum	
-perimeter	lotus pedestal, mystical aquatic animals at the bases and a pair of snake-girls, Garuda on top
-image	Four armed Bhairav carrying snake and shield in his back hands and the fore hands in a gesture, on a human figure
-pinnacle	lotus leaves, beads and seeds in three steps

Conditions

The structure is in good condition with the carvings intact. The figures with dogs at the bases have chipped off. The joinery between the jambs and the sill have become loose. The upper portion of the kulan above the jambs have worn out. The main image and the tympanum show traces of polychrome paints.. There are a few minor cracks around the trunk of the right makara and the legs of human base of the principal image of the niche

Recommendations

The joints need to be properly fixed. The loosened jambs should be secured to the cornice and the base. The unauthentic colours should be removed.



2.7.W.01

Frame-Original, Latticework-Original

Outer frame	a band of lotus leaves.
Sill	
-bases	deers.
- center	ornamental lotus flowers and leaves
- proj. ends	ornamental lotus flowers and leaves
Jamb	detailed in traditional pattern
-bottom	lotus flowers in a block with a few layers of kulan above it
-middle	ritual pot, few layers of kulan and lotus leaves
-shaft	plain
-top	lotus leaves, a band of beads, egg pattern, several layers of kulan pattern, lotus leaves and leaves in a block
-lintel	kula design
Inner frame	encircling whirlpool pattern
Sec. jamb	
-bottom	lotus flowers in a block
-middle	kulan pattern, ritual pot, peacock in an ornamental pattern
-lintel	five nose patterns with kula design beneath
Frame support	in traditional pattern with details similar to the sec. jamb
Lattice	rectangular macika pattern with a miniature rest house extruding
Proj. end af the Lintel	ornamental lotus flowers with foliage
Cornice	triangle, mouse tooth patterns, terracotta bricks

Conditions

The window has all its elements intact and is in a good condition. Horizontal crack have developed at the centre of the sill and the left extending end of the lintel. The lattice work is authentic and is in a good condition

Recommendations

Only cleaning of the window is required and all the elements are intact.



2.7.W.02

Frame-original, Lattice-authentic

Outer frame	a band of twisting ropes
Sill	
-bases	human manifestation of Garud
- center	whirlpool and flower motifs
- proj. ends	lotus flowers
Jamb	designed in traditional pattern with multiple columns
-bottom	several layers of kulan pattern above lotus flowers in block
-middle	ritual pot, egg pattern
-shaft	plain
-top	the lower details are repeated
-lintel	kula design with ornate flower patterns above the jambs and at the center which resembles a traditional tympanum form
Inner frame	has three steps
-1st	lotus petals
-2nd	a string of flower encircling it
-3rd	a band of twirling ropes
Lattice	rectangular latticework which has 9 sub frames, decorated with a bead of pattern at the edges
Proj. end at the Lintel	ornate lotus flower motifs
Cornice	dog's tooth, mouse tooth patterns, terracotta bricks as the crown

Conditions

The structure of the window is in a good condition with most of the details still intact. The upper part on the left side of the lattice is damaged and has some 10% of elements missing. The middle section of the lattice at the lower part is missing and replaced with a plain piece of wood.

Recommendations

The about 4"x4" area of the missing piece of the latticework at the center of the lowest area should be replaced with a new detail replicated from the intact piece. The broken second diagonal member from top at the upper left part of the lattice should be replaced. Otherwise, only cleaning is necessary.



2.7.W.03

Frame-original /authentic, Shutters-new (added in 1988)

Outer frame	a chain of flowers with lizard figures extruding out
Sill	
-bases	human manifestation of Garud clutching a pair of snakes in his both hands
- centre	ornamental cusped pattern with a soaring figure holding a sword and a shield between a pair of birds.
- proj. ends	elaborate foliage motif
Jamb	designed in traditional pattern with multiple columns
-bottom	lotus flowers in block, beneath seven layers of kulan design
-middle	ritual pot, lotus leaves, egg pattern and a band of betel leaves
-shaft	carved with traditional bell pattern
-top	the details are repeated as below and has leaves motif in a block at the apex
Lintel	4 stepped kulan design with egg motif, lotus leaves and seed and has figures of female deities above the jambs and Ganesh at the centre.
Inner frame	encircling chain of flowers
Sec. jamb	in traditional pattern
-bottom	leaves in a block above a mouse images and beneath 3 layers of kulan patterns.
-middle	ritual pot, egg and kulan pattern, egg and a band of betel leaves pattern and a plain area.

-top	the details are repeated as below and has leaves motif in a block at the apex
-lintel	an arch on kulan motifs and depicts mystical aquatic animals at the bases and a kirtimukha devouring a pair of coiling snakes
Apron Lattice	diagonal latticework
Shutters	arched frame with diagonal lattice
Proj. end at the Lintel	elaborate foliage motif
Cornice	dog tooth pattern, lion heads lotus flowers and terracotta bricks crowning the window

Conditions

The window has all its elements intact and is in a good condition. The arch constitutes of two components and at its right portion the joints appears to have loosened. The upper right portion of central kulan of the main lintel has damaged. Both the bases with the Garud images have horizontal cracks at the center of its body. The window show traces of polychrome colours. Shutters are new and are in good condition.

Recommendations

The joints between the two pieces of the arch should be tightened. Since the other elements are intact with minor damages, otherwise only cleaning of the window is required. Cleaning method is suggested at the end of the report. The shutters should be retained as they are in good condition. The unauthentic color should be removed.



2.7.W.04

Frame-Original, Lattice-original

Outer frame	a band of twisting ropes
Sill	
-bases	human manifestation of Garud
- centre	whirlpool and flower motifs
- proj. ends	lotus flowers
Jamb	designed in traditional pattern with multiple columns
-bottom	several layers of kulan pattern above lotus flowers in block
-middle	ritual pot, egg pattern
-shaft	plain
-top	the lower details are repeated
-lintel	kula design with ornate flower patterns above the jambs and at the centre which resembles a traditional tympanum form
Inner frame	has three steps
-1st	lotus petals
-2nd	a string of flower encircling it
-3rd	a band of twirling ropes
Lattice	rectangular latticework which has 9 sub frames, decorated with a bead of pattern at the edges
Proj. end at the Lintel	ornate lotus flower motifs
Cornice	dog's tooth, mouse tooth patterns, terracotta bricks as the crown

Conditions

The structure of the window is good with almost all of the details still intact. Because of the natural of the timber used for it's construction, joints between the extending lintels, the vertical members of the outer frames and projecting ends of the sill have widened about half an inch. The inner frame and the latticework has shifted about one inch towards its right.

Recommendations

The joints needs to be tighten where possible. The nudged inner frame and the lattice must be readjusted by detached from its position and relocated at the center of the window. Only cleaning will be required.



2.7.W.05

Frame-Original, Latticework-Original

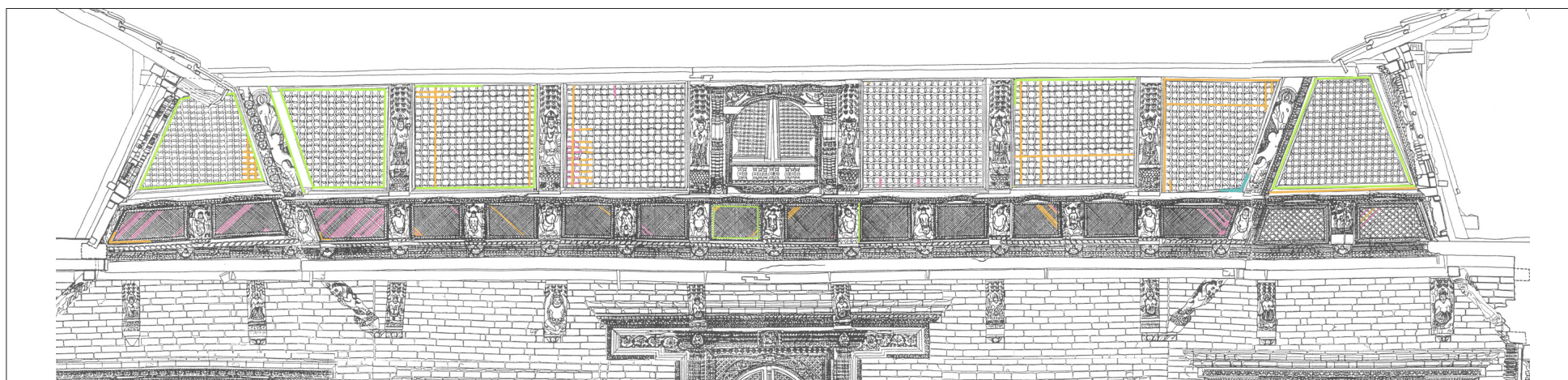
Outer frame	a band of betel leaves.
Sill	
-bases	deers.
- centre	ornamental lotus flowers and foliage
- proj. ends	ornamental lotus flowers and foliage
Jamb	detailed in traditional pattern
-bottom	lotus flowers in a block with a few layers of kulan above it
-middle	ritual pot, few layers of kulan and lotus leaves
-shaft	plain
-top	lotus leaves, a band of beads, egg pattern, several layers of kulan pattern, lotus leaves and leaves in a block
-lintel	kula design
Inner frame	encircling whirlpool pattern
Sec. jamb	
-bottom	lotus flowers in a block
-middle	kulan pattern, ritual pot, peacock in an ornamental pattern
-lintel	five nose patterns with kula design beneath
Frame support	in traditional pattern with details similar to the sec. jamb
Lattice	rectangular macika pattern with a miniature rest house extruding
Proj. end at the Lintel	ornamental lotus flowers with foliage
Cornice	triangle, mouse tooth patterns, special moulded bricks

Conditions

The window is in a good condition and has almost all of its carvings intact. Horizontal cracks have developed at the center of the sill and the left projecting ends of the lintel. Similarly, a vertical crack has developed at the right inner frame supports, extending from the bottom to its center. There are 5% breakages at mouse teeth pattern at the upper cornice. The last vertical member of the lattice in the left is broken at the bottom.

Recommendations

The broken vertical member of the lattice must be replaced. Otherwise, only cleaning is required.



rotten broken missing not fit

Conditions

- 2.7.L.01 Frame and lattice do not seem original, some parts are missing and broken on the left bottom. Lattice doesn't fit into the new frame
- 2.7.L.02 New, low grade frame with lattice. The lattice is in good condition, doesn't fit into the frame. There is now existing lower frame part on the bottom and the frame doesn't fit into the space.
- 2.7.L.03 Lattice and frame do not seem original, breakages in the lattice work. Lattice doesn't fit into the frame due to the natural drying of wood.
- 2.7.L.04 Lattice and frame do not seem original, the frame is broken and the lattice is twisted and shows heavy breakages.
- 2.7.L.05 Lattice and frame do not seem original, two small breakages at lattice on the bottom
- 2.7.L.06 Lattice and frame do not seem original, there are some broken and missing elements. the lattice doesn't fit into the frame.
- 2.7.L.07 Lattice and frame do not seem original, the lattice is twisted and some elements are broken and damaged. The upper frame is broken
- 2.7.L.08 Lattice and frame do not seem original, the lattice is twisted and the frame on the bottom is broken. The lattice doesn't fit into the frame.

Recommendations

- Fit the lattice into the frame, repair the broken parts with new members
- Replace a new frame and fit the lattice into.
- Fix the lattice into the frame.
- Due to the heavily damaged frame and lattice it is necessary to replace with a new frame and lattice of the authentic style.
- Repair the lattice with new members and fix them to the existing lattice. This lattice is a good example to show the history of restoration at the building.
- Due to the heavily damaged frame and lattice it is necessary to replace with a new frame and lattice of the authentic style.
- Replace the broken elements with new members and fix them into the lattice, replace with a new frame and fix the existing lattice into the frame.
- Replace with a new frame and fix the existing lattice into the new frame.



Condition

- 2.7.L.09a Lattice and frame seem authentic. Elements at the lattice are broken in both the areas. The frame at the left bottom and the left vertical frame support is broken in the left
- 2.7.L.9b Lattice and frame seems authentic. The lattice is hard damaged and a lot of elements are missing. The frame is broken on the left bottom. 2.7.L.11
- 2.7.L.10 Lattice and frame seems authentic. The lattice has broken and missing elements.
- 2.7.L.11a Lattice and frame seems authentic. The lattice has broken and missing elements.
- 2.7.L.11b Lattice and frame seems authentic. Both are in good condition. One element at the lattice is broken
- 2.7.L.12a Lattice and frame seems authentic. Both are in good condition. One element at the lattice is broken
- 2.7.L.12b Lattice and frame seems authentic. Both are in good condition. One element at the lattice is broken
- 2.7.L.13a Lattice and frame seems authentic. The lattice doesn't fit into the frame, elements at the lattice are missing

Recommendation

- Replace the missing elements into the existing lattice.
- Due to the hard damage at the lattice it is necessary to replace it with a new lattice, repair the broken frame and fit the lattice into the existing frame.
- Repair the broken elements, and fit new wood complements into the existing lattice.
- Repair the broken elements, and fit new wood complements into the existing lattice.
- Repair the broken element at the lattice.
- Repair the broken element at the lattice.
- Fit new wood complements into the existing lattice.
- Replace new wood complements into the existing lattice and fit it into the exciting frame.

Condition

- 2.7.L.13b Lattice and frame seems authentic. Elements of the lattice are broken and missing
- 2.7.L.14a Lattice and frame are in good condition and seems authentic. There is a open crack between the left vertical frame and the strut.
- 2.7.L.14b Lattice and frame are in good condition and seems authentic.
- 2.7.L.15a Lattice and frame seems authentic. Elements of the lattice are broken, missing or twisted.
- 2.7.L.15b Lattice and frame are in good condition and seems authentic.
- 2.7.L.16 Lattice and frame seems authentic. Elements of the lattice are broken and missing
- 2.7.L.17a Lattice and frame are in good condition and seems authentic but different compared to the lower lattice work the south wing.
- 2.7.L.17b Lattice and frame seems authentic but different compared to the lower lattice work the south wing. Elements of the lattice are broken and missing.

2.7. Cornice above the apron plank

Condition

Not in the right position, and particular damaged.

2.7. Protruding eave / Dhalipakha

Condition

The carved plank beyond the lattice work at the upper elevation cancelling the joists are in good condition.

Recommendation

- Fit new wood complements into the existing lattice and repair the broken elements.
- Close the crack with a plain wood element from inside a bit behind the outer level of the frame and lattice work like a shadow gap.
- Fit new wood complements into the existing lattice and repair the broken elements.
- Fit new wood complements into the existing lattice and repair the broken elements.
- Fit new wood complements into the existing lattice and repair the broken elements.
- Fit new wood complements into the existing lattice and repair the broken elements.
- Fit new wood complements into the existing lattice and repair the broken elements.
- Fit new wood complements into the existing lattice and repair the broken elements.

Recommendation

Remove the plank and try to keep so much as possible, fix it in the right position and replace new wood complements in the same pattern style.



2.7.W.06 original, shutters new

Sill	
-base	lions
-centre	ornament of creeper framed by lotus leaves and seeds
Jamb	multiplied column
-bottom	flowers
-middle	traditional pattern, ritual pot, lotus leaves, egg pattern
-shaft	plain
-lintel	kulan design with centred god
Sec. Jamb	round arch, encircling lines of lotusleaves and betel leaves, guardians in the corners
Lattice	consists in a rail and shutters, diagonal
Surface	layer of red and white paint

Conditions 50% of balusters at the apron are missing, the rail is missing. The right base at the outer frame is weathered. The two pieces of wood between the joints of the arched element and the vertical frame supports are replaced with plain ones. These too are unstable and crudely placed. The right portion of the cornice on top has darkened due to the contact with rain water from the leaking roof. If left as it is, it will be damaged with wet rot. The window is covered with a red paint and the carvings are accentuated with white paint.

Recommendations

The replaced plain pieces should be recarved with the details similar to the adjacent one and restore it back to its position. The missing balusters should be recarved with reference to the original ones. The unauthentic railing above the apron should be removed.



2.7.S.01 Original

-Kusala (corner horse)

-flower petals pattern

-plain area for kulan

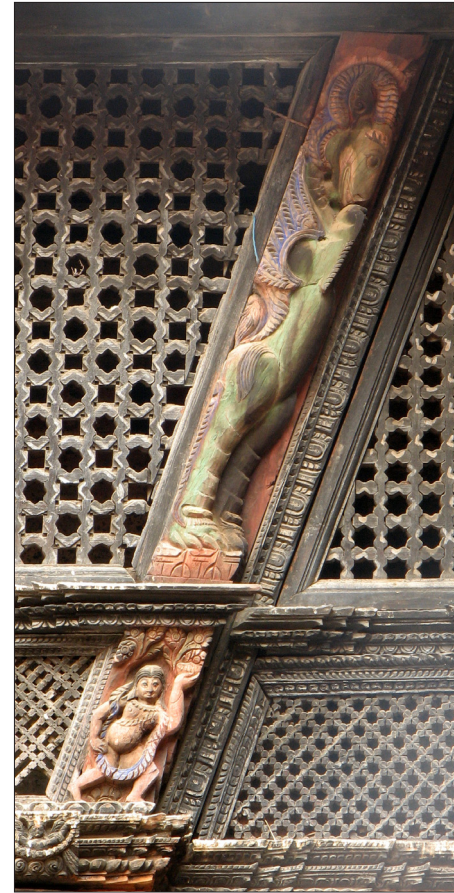
-a standing auxiliary figure under foliage details, wearing a garland and carrying a vessel in his raised right hand.

Conditions

The strut appears to be in good condition. The quality of the carving is not fine as compared to the carvings at the lower levels such as the doors and the windows. The features of the face have been highlighted with black color as it has weathered. It is coated with unsightly polychrome colors.

Recommendations

It needs to be stabilized and reinforced with steel members for seismic strengthening. The unhistorical paint from the strut needs to be cleaned.



2.7.S.08 Original

-Kusala (corner horse)

-plain area for kulan

-a standing auxiliary figure under foliage details, wearing a garland and carrying a vessel in his raised left hand.

The condition of the strut is fair. This is a mirror image of the 2.7.S.01. The quality of carving is inferior as compared to the doors and windows at the lower levels. It is painted with unsightly polychrome colors. The facial features are highlighted with black color.

Recommendations

It needs to be stabilized and reinforced with steel members for seismic strengthening. The unhistorical paint from the strut needs to be cleaned.



2.7.S.02 Original

-layers of foliage

-one of the mother goddesses (Kau-mari), has four arms holding a sword & shield in her back hands and a bunch of peacock feathers & a vessal in her fore hands. She is red. She is standing on peacock, her vehicle and wearing a garland of human skulls.

-lotus pedestal as the base for the deity

-plain area for kulan

-a sitting auxiliary figure coated with white color, under foliage details, carrying a vessal in its raised left hand

Conditions

It is in good condition with no structural damage to it. The strut has been painted with unhistoric polchrome colors.

Recommendations

It needs to be readjusted, stablized and reinforced. A stainless steel member should be introduced for seismic strengthening, and also to support the heavy load of the lattice. The unauthentic color should be removed.



2.7.S.03 Original

-layers of foliage

-one of the mother goddesses (Kau-mari), has four arms holding a sword & shield in her back hands and a bunch of peacock feathers & a vessal in her fore hands. She is green. She is standing on peacock, her vehicle and wearing a garland of human skulls.

-lotus pedestal as the base for the deity

-plain area for kulan

-a sitting auxiliary figure coated with white color, under foliage details, carrying a vessal in its raised left hand

Conditions

It is in good condition with no structural damage to it. The quality of the carving is also good. and is very detailed The strut has been painted with unhistoric polchrome colors.

Recommendations

It has to be stabilized and retrofitted with a stainless steel member to support the heavy load of the lattice. This is also important for the seismic strengthening. We need to take off the damaged an unauthentic paint from the strut.



2.7.S.04 Original

-layers of foliage

-one of the mother goddesses, has four arms holding (attribute damaged) & a hook in her back hands and a string of beads & a vessal in her fore hands. She is blue. She is wearing a garland of human skulls.

-elaborate lotus pedestal as the base for the deity

-plain area for kulan

-a sitting auxiliary figure coated with white color, under foliage details, carrying a vessal in its raised right hand

Conditions

It is in good condition with no structural damage to it. However, the lower portion with the auxiliary figure is slightly worn out and damaged. The right part of it's lotus pedestal (one leaf) is damaged 35% of foliage detail in this area has chipped off. The quality of the carving is also good. and is very detailed. The strut has been painted with unhistoric polchrome colors.

Recommendations

The struts should be stabilized and reinforced with a stainless steel member. This should be done to support the weight of the lattice and during a seismic movement.. The color should be carefully removed.



2.7.S.05 Original

-layers of foliage

-one of the mother goddesses, multi headed, has four arms holding a& a hook in her back hands and a string of beads & a vessal in her fore hands. She is wearing a garland of skulls.

-elaborate lotus pedestal as the base for the deity

-plain area for kulan

-a sitting auxiliary figure under foliage details, the attributes are unrecognizable

Conditions

The strut is slightly weathered with several cracks on the main figure. The upper part of the foliage detail has damaged due to seepage of rainwater from the roof. The detailing of the carving is different from the other struts with the principal figure having multi heads and has a very elaborately carved lotus pedestal. A layer of unsightly polychrome colors is coated on the strut.

Recommendations

The unhistoric color from the figures should be carefully removed so as not to damage the fabric of the strut. Then it should be restablized and reinforced with stainless steel member.



2.7.S.06 Original

-layers of foliage

-one of the mother goddesses (Kau-mari), has four arms holding a sword & a shield in her back hands and a hook & a conch shell in her fore hands. She is green. She is standing on Garuda, her vehicle.

-lotus pedestal as the base for the deity

-plain area for kulan

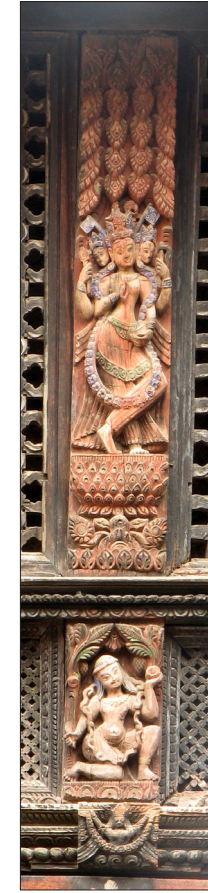
-a sitting auxiliary blue figure under foliage details, carrying a vessel in its right hand

Conditions

The condition of the strut is good. The upper area with the foliage detail has damaged and has a piece lost. It is a replica of 2.7.S.02. The quality of the carving is inferior as compared to the lower doors and windows. It is painted with a layer of unhistoric polychrome colors.

Recommendations

It should be stabilized and readjusted before retrofitted with a new steel component for seismic strengthening. And the colors need to be removed.



2.7.S.07 Original

-layers of foliage

-one of the mother goddesses, multi headed, has four arms holding a& a hook in her back hands and a string of beads & a vessel in her fore hands. She is wearing a garland of skulls.

-elaborate lotus pedestal as the base for the deity

-plain area for kulan

-a sitting auxiliary figure under foliage details, the attributes are unrecognizable

Conditions

A large vertical crack on the lotus pedestal. The facial features of the principal figure are worn out. Its details are similar to 2.7.S.05. The detailing of the carving is different from the other struts with the principal figure having multi heads and has a very elaborately carved lotus pedestal. It is coated with unsightly polychrome colors.

Recommendations

It should be reinforced with a stainless steel member to support the load of the lattice and also for seismic strengthening. The color should be removed.



2.7.S.11 Original

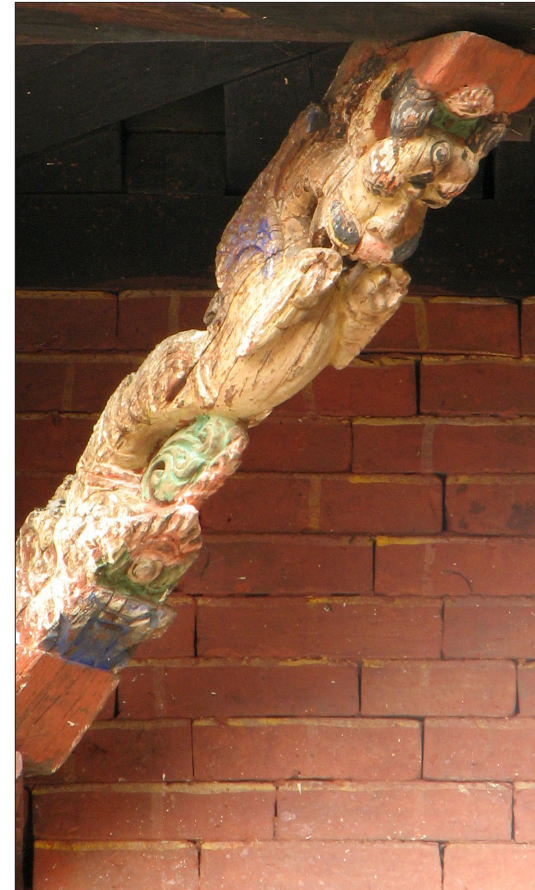
-Kusala (corner horse) standing on motif depicting mountains

Conditions

It is in a fair condition. The base has a large gaping crack. It is coated with polychrome colors, and the main figure has a green color, which is in poor condition itself. The back of the strut is considerably weathered due to continuous settlement of the dirt and bird droppings.

Recommendations

A plank needs to be fixed behind the strut to prevent the further its decay from the bird droppings. In order to prevent the strut from rupturing, a new steel member must be introduced to share the load with the strut. The unhistoric color should be removed.



2.7.S.18 Original

-Kusala (corner horse) standing on motif depicting mountains

Conditions

The strut has slightly worn out. The damage is more at the back because of the continuous contact with dust and bird droppings for a very long period. A crack has developed at the wing of the kusala. It is painted with unhistoric polychrome colors.

Recommendations

A plank needs to be fixed behind the strut to prevent the further its decay from the bird droppings. In order to prevent the strut from rupturing, a new steel member must be introduced to share the load with the strut. The unhistoric color should be removed.



2.7.S.09 Original

-layers of foliage

-a female deity with her hands in a gesture and standing on a mountain motif

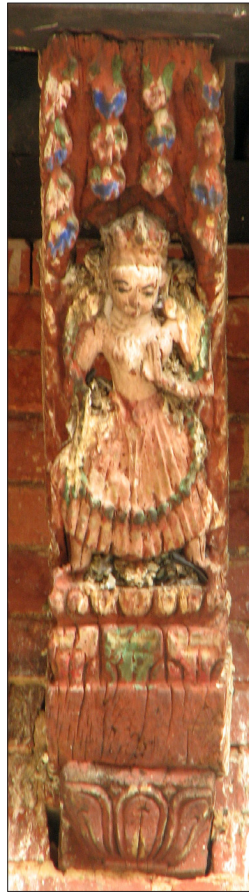
-motif depicting mountains

Conditions

The weathering is more prominent at the top with the foliage area damaged and has developed a crack. The right hand of the deity is lost. The back of the strut too has weathered because of accumulating dirt and bird droppings. The quality of the carving is rather inferior. It is coated with unsightly polychrome color.

Recommendations

The unhistoric color from the figures should be carefully removed so as not to damage the fabric of the strut. Then it should be restablized and a plank added behind it to prevent its further damage from bird dropping.



2.7.S.10 Original

-layer of foliage

-a female deity with her hands in a gesture and standing on a lotus pedestal

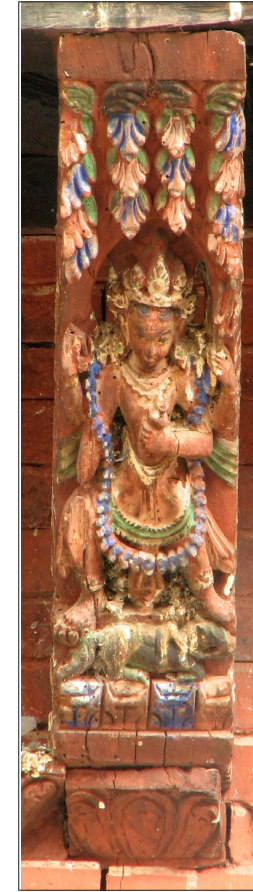
-motif depicting mountains

Conditions

The strut has weathered heavily. There are several cracks on the body with a large one extending across the foliage layer. The continuous settlement of dirt and bird dropping has damaged the back of the strut. A layer of unhistoric polychrome colors covers it.

Recommendations

A plank needs to be fixed behind the strut to prevent the further its decay from the bird droppings. The unhistoric color should be removed.



2.7.S.12 Original

-layer of foliage

-a male deity (Sun God) standing on the horse. The attributes are unrecognizable.

-motif depicting mountains

Conditions

The back area of the strut has weathered due to the accumulation of dust and bird dropping. The attributes are incomprehensible due to layers of unsightly color. The left leg of the main figure has chipped off. In addition to that, there are several cracks at the base. The quality of the carving is very low grade.

Recommendations

The unauthentic color should be removed. It should be stabilized and a plank placed on the backside to protect it from bird droppings.



2.7.S.13 Original but salvaged from other building

-layer of foliage

-a male deity (Bhairav) standing on a snake horse. The arms and attributes are lost.

-plain base

Conditions

It is weathered heavily and has cracks at the top and the main body of the deity. It was probably salvaged from some other place and was reused here, since its size does not match with the others in the south facade. The back area of the strut has weathered due to the accumulation of dust and bird dropping. The arms and attributes are lost. It is coated with unsightly polychrome color.

Recommendations

A plank needs to be fixed behind the strut to prevent the further its decay from the bird droppings. The unhistoric color should be removed.



2.8.S.14 Original

-layer of foliage

-a female deity with her hands in a gesture and standing on a mountain motif

-motif depicting mountains

Conditions

It is in a good condition. However the accumulating bird dropping and the dirt has damaged the back of the strut. The quality of the carving is rather inferior. It is coated with unsightly polychrome color.

Recommendations

The unhistoric color from the figures should be carefully removed so as not to damage the fabric of the strut. Then it should be restablized and a plank added behind it to prevent its further damage from bird droppings



2.7.S.14 Original

-layer of foliage

-a female deity with her hands in a gesture and standing on an elaborate platform

-plain base

Conditions

It is in a good condition. The back of the strut too has weathered because of accumulating dirt and bird droppings. The quality of the carving is rather inferior. It is coated with unsightly polychrome color.

Recommendations

The unhistoric color from the figures should be carefully removed so as not to damage the fabric of the strut. Then it should be restablized and a plank added behind it to prevent its further damage from bird dropping



2.7.S.16 Original

-layer of foliage

-a four armed female deity carrying a shield and sword in her back hands and a trident in her fore hand is in a mudra and the other holds a trident in her hands. The lower body of the figure is not depicted

-flower pattern

-motif depicting mountains

Conditions

It is in a good condition. The detailing of the carvings is very crude and are of inferior quality. The lower body of the figure is not depicted, instead an elaborate pattern of flower motifs are carved. The back portion of the strut is affected by the long accumulating bird dropping and dirt. It is colored with unsightly polychrome paint.

Recommendations

The unhistoric color from the figures should be carefully removed so as not to damage the fabric of the strut. Then it should be restabilized and a plank added behind it to prevent its further damage from bird dropping.



2.7.S.17 Original

-layer of foliage

-a female deity with her hands in a mudra and standing on a plain platform

-motif depicting mountains

Conditions

It is in good condition but there are some damages at the top of the strut. The carving details are good. The continuous settlement of dirt and bird dropping has damaged the back of the strut. A layer of unhistoric polychrome colors covers it.

Recommendations

A plank needs to be fixed behind the strut to prevent the further decay from the bird droppings. The unhistoric color should be removed.



2.7.S.19 Original

-layer of foliage

-a female deity with her hands in a mudra and standing on a lion

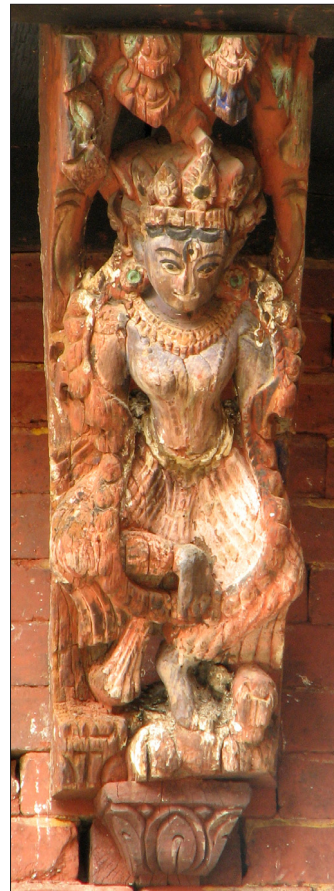
-motif depicting mountains

Conditions

The strut is in good condition, but the upper area has developed a few cracks. The back area of the strut has weathered due to the accumulation of dust and bird dropping. It is coated with unsightly polychrome color.

Recommendations

The unauthentic color should be removed. It should be stabilized and a plank placed on the backside to protect it from bird droppings.



2.7.S.20 Original but salvaged from another building

-layer of foliage

-a female deity with her hands and attributes lost and has a foot on a mountain motif and another on an unrecognizable vehicle

-motif depicting mountains

Conditions

It is heavily weathered and its hands are lost. The facial features of the deity has completely damaged. The accumulating bird dropping and the dirt has damaged the back of the strut. It is larger in size than other struts in the same facade and also has its upper and lower levels cut to be adjusted here. So it was probably salvaged from another building. It is coated with unsightly polychrome color.

Recommendations

The unhistoric color from the figures should be carefully removed so as not to damage the fabric of the strut. Then it should be restabilized and a plank added behind it to prevent its further damage from bird dropping.



2.7.F.01 Original

- foliage

-a tantric figure (Camunda) with a skull garland and carrying a weapon and a vessel in his hands.

-lotus pedestal

Conditions

It is in good condition. and has been painted with unsightly polychrome colors. Carving is of inferior quality.

Recommendations

The unauthentic color should be removed It should be stabilized to be incorporated when restoring the latticework.



2.7.F.02 Original

- foliage

-a tantric figure (Camunda) with a skull garland and carrying a sword and a shield in his hands. And standing on a human figure

-lotus pedestal

Conditions

It is in good condition but area around base is worn out. It has been painted with unsightly polychrome colors. Carving is of inferior quality.

Recommendations

The unauthentic color should be removed It should be stabilized to be incorporated when restoring the latticework.



2.7.F.03 Original

- foliage

-a tantric figure (Camunda) with a skull garland and carrying an arrow and a bow in his hands. And is standing on a female figure

-lotus pedestal

Conditions

It is heavily weathered. and has been painted with unsightly polychrome colors. Carving is of inferior quality.

Recommendations

The unauthentic color should be removed It should be stabilized to be incorporated when restoring the latticework.



2.7.F.04 Original

- foliage

-a tantric figure (Camunda) with a skull garland and the attributes are unrecognizable. It is standing on a human figure

-lotus pedestal

Conditions

It has weathered slightly and cracks have developed at the lower areas. and has been painted with unsightly polychrome colors making the carving incomprehensible. Carving is of inferior quality.

Recommendations

The unauthentic color should be removed It should be stabilized to be incorporated when restoring the latticework.



2.7.F.05 Original

- foliage

-a tantric figure (Camunda) with a skull garland and carrying a vessel on its raised left hand. It is standing on a pair of human figures.

Conditions

It has weathered considerably and one of its arms is lost. It has been painted with unsightly polychrome colors. Carving is of inferior quality.

Recommendations

The unauthentic color should be removed. It should be stabilized to be incorporated when restoring the latticework.



2.7.F.06 Original

- foliage

-a tantric figure (Camunda) with a skull garland and carrying a kartika and a vessel in his hands. And is standing on a pair of human figures

-lotus pedestal

Conditions

It is in good condition. and has been painted with unsightly polychrome colors. Carving is of inferior quality and several fine cracks have developed.

Recommendations

The unauthentic color should be removed. It should be stabilized to be incorporated when restoring the latticework.



2.7.F.07 Original

- foliage

-scene depicting Lord Krishna hiding the clothes of the bathing gopinis

-inscription describing the above scene

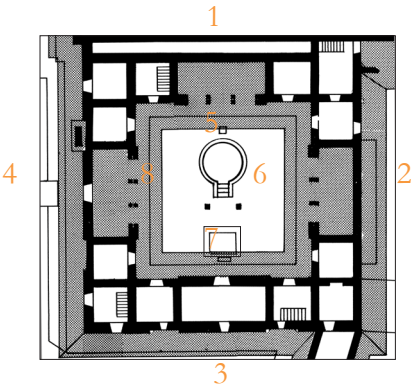
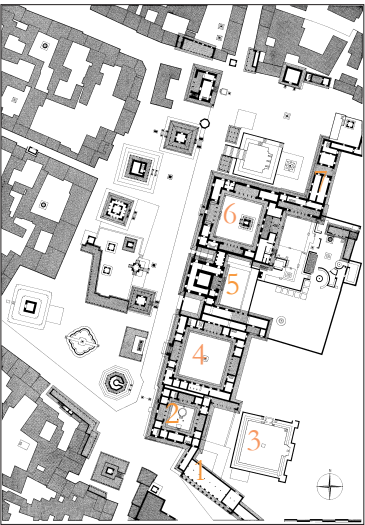
Conditions

It is in fair condition. and a large structural crack is present at the center. It has been painted with unsightly polychrome colors.

Recommendations

The unauthentic color should be removed. It should be stabilized to be incorporated when restoring the latticework.

Sundari Cok courtyard / west



2.8.S.01 - 08

2.5.L.01 -08

2.5.L.09 -17

2.8.F.01 - 07

2.8.S.09 - 20

2.8.W.01 - 06

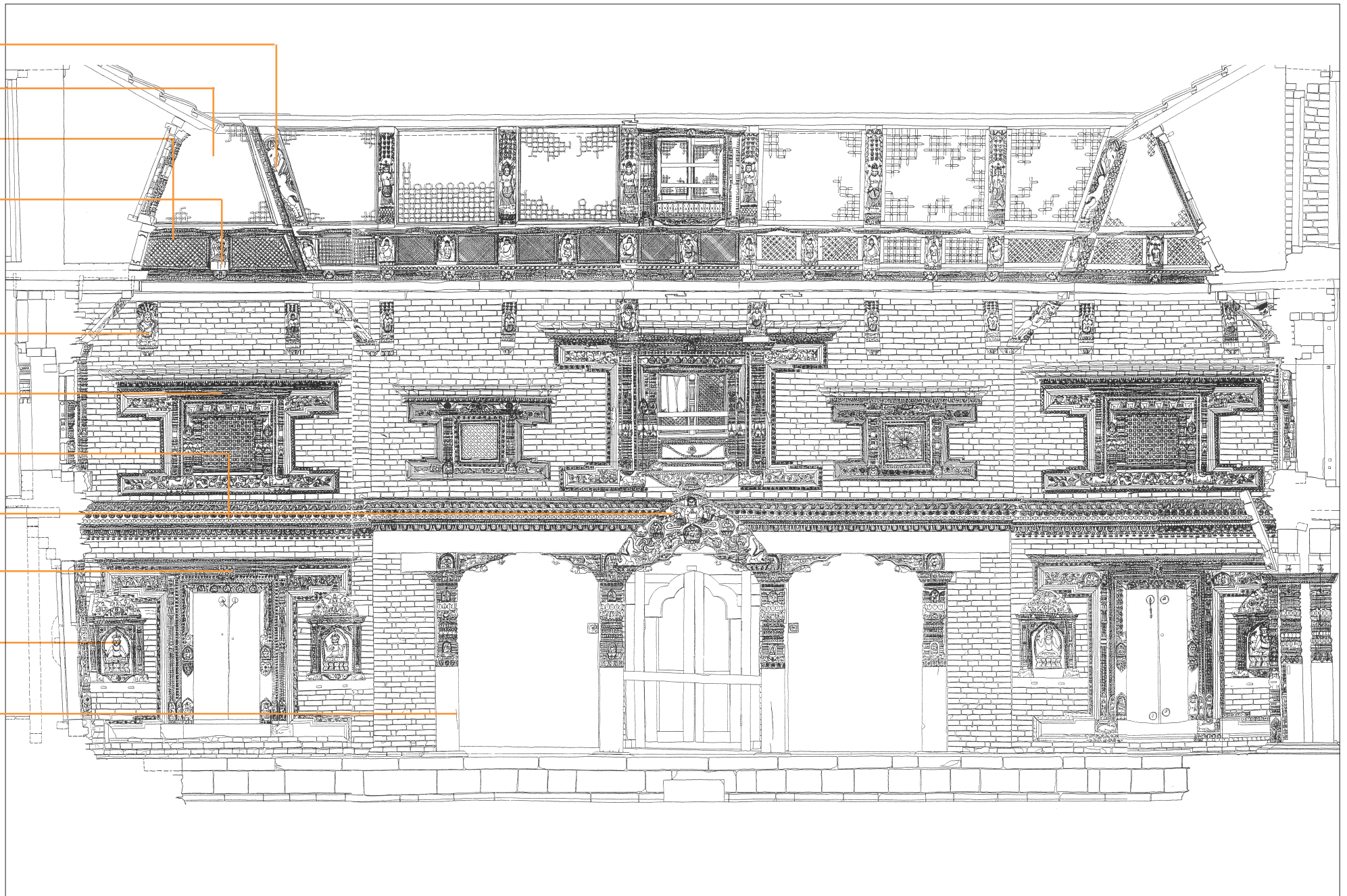
2.8.C.

2.8T

2.8.D.01 - 02

2.8.N.01 - 04

2.8.P.01 - 04





2.8.N.01 Frame and statue-after earthquake. Tympanum-original

Sill	
-base	lions
-center-	cusped pattern with orante lotus leaves at the center a stripe of bead and lotus flowers at the fringes
Jambs	
-bottom	ritual pot
-middle	flower pattern
-shaft	vertical bands of lotus petals
-top	kulan motif, egg pattern and leaves in a block.
Inner frame	a chain motif with ornate lotus flowers at the corners
Image	a deity on a lotus pedestal holding yak tail and a book in his right and left hands respectively
Lintel	three stepped kulan design
Tympanum	
-perimeter	lotus pedestal, mystical aquatic animals at the bases and snake girls with Garuda at the apex
-image	Four armed Bhairava carrying sword and gadha in his back hands and the fore hands in a gesture, on a pair of human figures
-pinnacle	three stepped design with lotus leaves, beads and seeds

Conditions

The structure of the niche is in fair condition with all the detail intact. The quality of the principal image housed in the niche is inferior. The entire structure has sheared by an inch, this is evident from the tilted elements and open joints between its horizontal and vertical members of the frame. The carving of the base lions is weathered with 20% damage. The upper portion kulan detail at center of the lintel. The pinnacle has become detached from the tympanum.

Recommendations

The statue in the niche has to be replaced with a high quality carving with an iconographically correct meaning. The niche needs to be removed from its position, thoroughly cleaned and components properly fixed and the tilt be corrected. The pinnacle should be properly fixed.



2.8.D.01 Frame and shutters-Original / authentic

Outer frame	encircling band of lotus flowers and creepers
Bases at the threshold	carvings weathered and cannot be comprehended
Jamb	
-bottom	guardians figures
-middle	a ritual pot
-shaft	bands of lotus leaves and frills, lotus leaves, egg pattern, kulan pattern
-top	an ornate flower pattern above a moon.
Secondary jamb	line of flower motifs and a row of egg pattern
-bottom	guardians
-middle	an ornate lotus flower, a four armed deity, a bird image and a snake depicted above it. Also has a string of flowers beside the snake, which extends to the lintel.
Secondary lintel	five images of Pancha Pandavs from Mahabharat
Lintel	kulan pattern and has a image of three god at the center
Proj. ends lintel	eight snake gods

Conditions

The lower section of structure shows signs of weathering is 35% damaged. Both carvings at the bases are lost. The right vertical element and the lower horizontal member of the frame at the threshold are missing. Likewise, the outer frame at the threshold level upto the 16 layers of bricks, shows signs of bleaching. The right secondary jamb has developed a long vertical crack, extending from the head of the bottom guardian figure to the middle of the ornate flower pattern. A horizontal piece of timber is added above the threshold, probably to close the gap cause by the decay of the shutters.

Recommendations

The bottom piece of the outer frame at the threshold level needs to be reinstated with new carvings to complete the configuration. The plain right vertical member of the outer frame at the same area should be replaced with a new one carved with details similar to the intact existing ones.



2.7.N.02 Tympanum-original, frame-after earthquake, statue-after 1988

Sill	
-base	deers
-center-	cusped pattern with orante lotus leaves at the center and a strip of bead and lotus flowers at the fringes
Jambs	
-bottom	ritual pot
-middle	flower pattern
-shaft	bands of hair curl patterns at the bottom and bands of creepers motifs at the top.
-top	kulan motif, egg pattern and leaves in a block.
Inner frame	a chain motif with ornate lotus flowers at the corners
Image	a four armed deity on a lotus pedestal holding a..... and a book in his back hands and the forehands are doing a gesture
Lintel	three stepped kulan design
Tympanum	
-perimeter	lotus pedestal, mystical aquatic animals(makara) at the bases and snake girls with Garuda at the apex
-image	Four armed Bhairava carrying kirtimukha and shield in his back hands and the fore hands in a gesture, on a human figure
-pinnacle	three stepped design with lotus leaves, beads and seeds

Conditions

The structure of the niche is in fair condition with all the detail intact. The carving at the sill (cusped pattern with lotus flower) has worn out. 10% of the bases with the deers have damaged. The quality of the principal image housed in the niche is inferior. The sill has detached slightly from the frame supports making the joints open by quarter of an inch. The upper part of the kulan above both the jambs have breakages. The details of the tympanum are 20% damaged, the trunk of the right makara and face of the left snake girl show breakages. The tympanum shows traces of polychrome colors.

Recommendations

The statue in the niche has to be replaced with a high quality carving with an iconographically correct meaning. The sill needs to be fixed properly with the frame supports. Otherwise, only cleaning will be necessary.



2.7.N.03 Tympanum-original, frame-after earthquake, statue-after 1988

Sill

- base lions
- center- completely lost

Jambs

- bottom ritual pot
- middle flower pattern
- shaft bands of leaves patterns
- top kulan motif, egg pattern and leaves in a block.

Inner frame a chain of betel leaves with ornate lotus flowers at the corners

Image a deity on a lotus pedestal holding a trident in his left hand and right hand is doing a gesture.

Lintel three stepped kulan design

Tympanum

- perimeter lotus pedestal, mystical aquatic animals at the bases and snake girls with Garud at the apex
- image Four armed Bhairav carrying sword and shield in his back hands and the fore hands in a gesture, on a pair of human figures
- pinnacle three stepped design with lotus leaves, beads and seeds

Conditions

The condition of the structure is fair. The cusped pattern carving of the sill has weathered completely and has 35% breakages at the base carving & the central cusped pattern is lost. The quality of the principal image housed in the niche is inferior. The jambs have worn out with few fragments of egg motifs broken. The pinnacle is missing.

Recommendations

The damaged carving at the sill should to be kept as a historical evidence or (the damaged carving at the sill should be replaced with reproduction of the element with reference to the similar members from other niches). Recarve a new pinnacle above the tympanum in the traditional style. The statue in the niche has to be replaced with a high quality carving with an iconographically correct meaning.



2.7.D.02 Frame-Original / authentic, Shutters-New (1988)

Outer frame	encircling band of flowers
Bases at the threshold	carvings weathered and cannot be comprehended
Jamb	
-bottom	guardians figures
-middle	a ritual pot
-shaft	bands of lotus leaves and frills, lotus leaves, egg pattern, kulan pattern
-top	mystical lions in an ornate pattern.
Secondary jamb	a chain of leaves motifs and a row of egg pattern
-bottom	guardians
-middle	an ornate lotus flower, a four armed deity, a bird image and flower pattern carved above it. Also has a string of lotus petals beside the flower pattern, which extends to the lintel.
Secondary lintel	images of Bramha, Vishnu and Maheshwor flanked by courtesans
Lintel	kulan pattern and has a image Garud at the center
Proj. ends lintel	Dragons with scenes depicting Kamadev and Rati

Conditions

The structure of the door is in good condition and has most of its carvings still intact. However, 80% of the outer frame at the threshold level have worn out considerably. Both the carvings at the bases are hard weathered with severe damages. The outer frame too has weathered and bleached upto the 18 layers of bricks at the right hand side and 15 layers at the left , thus needs protection from moisture penetration. The upper part of the left jamb above the mystical lion detail has cracked. A large horizontal crack has developed at the entire right projecting end of the lintel.

Recommendations

Since the damages at the threshold are not structural in nature, it should not be replaced. The door is an authentic one so its parts should be retained for its historical importance.



2.7.N.04 Tympanum-original, frame-after earthquake, statue-after 1988

Sill

- base lions
- center- cusped pattern with orante lotus leaves at the center and a strip of bead and lotus flowers at the fringes

Jambs

- bottom ritual pot
- middle flower pattern
- shaft bands of leaves patterns
- top kulan motif, egg pattern and leaves in a block.

Inner frame a chain of betel leaves with ornate lotus flowers at the corners

Image a six armed deity on a lotus pedestal holding peacock feathers, an umbrella, a hook, lotus flower in his back hands and a stick in the right fore hand and the left doing a gesture.

Lintel three stepped kulan design

Tympanum

- perimeter lotus pedestal, mystical aquatic animals at the bases and snake girls with Garud at the apex
- image Four armed Bhairav carrying sword and shield in his back hands and the fore hands in a gesture, on a human figure
- pinnacle three stepped design with lotus leaves, beads and seeds

Conditions

The structure of the niche is in good condition. The quality of the principal image housed in the niche is inferior. Lower section of the sill has bleached due to the action of the water. 30% of the detail in jambs are worn out. Likewise, the tympanum has weathered considerably with most of its carvings disfigured. The trunks of both the mystical aquatic animals, the faces of the snake girls and the features of garud are lost. It has traces of polychrome paints. The pinnacle is new and crudely detailed as compared to the tympanum and the niche itself.

Recommendations

Replace the image with a new one having iconographically correct meaning. Recarve the pinnacle which matches the quality of carving of the tympanum. For this, we need to take reference of an authentic one from adjacent ones. Thorough cleaning of the niche is essential.



2.8.C Original



2.8.C.02 Original



2.8.C.03 Original



2.8.C.04 Original

All pillars are designed in traditional pattern style, with a plain shaft starting from the bottom and goes into a ornament with lotus leaves, a god above and a traditional decoration style of pillars with Garuda on the four corners of each pillar and a god above.

Condition

The Pillars are in good condition, the wood is partial weathered.



2.8.T.	Tympanum-Authentic, Garud head, pinnacle-new
bottom	Chhepu devouring two snakes, flanked by dragons, which are capturing dogs.
central section	a multi armed and headed Bhairav on a human figure with his consort multi armed and headed female deity on his lap at the centre. Flanking the main image is the figures of two attendants carrying garlands
perimeter	lotus pedestals, pair of mystical aquatic animals (makras), whirlpool pattern symbolizing the tails of the makaras. Garuda clutching ritual pot, flanked two naga deities decorate the apex of the tympanum. Images of, Ganesh on his vehicle the rat and Kumar on his peacock are at the right and left respectively are carved between these. part from these, there are four axillary figures on lotus pedestals.
pinnacle	lotus flowers and seeds in three steps

Conditions

The tympanum consists of four pieces. The top section with the garud's head and pinnacle are crudely done and obviously a new addition to replace the lost one. There joints have opened due to the natural drying of the timber. The edges have weathered and some of the carvings have damaged. A coat of unhistoric polychrome colors covers the tympanum.

Recommendations

Recarve the upper section with finer details to replace the crude existing one. Stabilize the tympanum with plain wood on the backside. Fix the wood with screws through slot holes so that the wood can continue its natural movement. Remove the unhistoric polychrome painting.



2.8.W.01	Frame-Original, Latticework-Original
Outer frame	a band of flower patterns
Sill	
-bases	deers.
- center	ornamental lotus flowers and foliage
- proj. ends	ornamental lotus flowers and foliage
Jamb	detailed in traditional pattern
-bottom	lotus flowers in a block with a few layers of kulan above it
-middle	ritual pot, few layers of kulan and lotus leaves
-shaft	plain
-top	string, hexagonal section, kulan, egg pattern, string, several layers of kulan pattern, lotus leaves and flowers in a block
-lintel	kula design
Inner frame	encircling strip of lotus leaves pattern
Sec. jamb	
-bottom	lotus flowers in a block
-middle	kulan pattern, ritual pot, two layers of kulan pattern, peacock in an ornamental pattern, a band of flower motifs which extends to the lintel
-lintel	five nose patterns with kula design beneath
Frame support	in traditional pattern with details similar to the sec. jamb
Lattice	rectangular macika pattern
Proj. end af the Lintel	ornamental lotus flowers with foliage
Cornice	triangle, mouse tooth patterns, special moulded bricks

Conditions

The structure of the window is in very good condition with only minor cracks in the secondary jambs. The cracks have deveoped at the center of the right frame support and the left secondary jambs. All the carvings are intact.

Recommendations

This is one of the good examples of the intact and authentic window in the courtyard, with minimum damage. However, thorough cleaning of the window is rather essential for its longevity.



2.8.W.02 Frame-original, Lattice-new

Outer frame	a band of twisting ropes
Sill	
-bases	lions on mountain motifs
- centre	whirlpool patterns with cheppu at the centre
- proj. ends	lotus flowers with a bird eating a flower at the edges
Jamb	designed in traditional pattern with multiple columns
-bottom	several layers of kulan pattern above lotus flowers in block
-middle	ritual pot, egg pattern
-shaft	plain
-top	the lower details are repeated
-lintel	kula design with ornate flower patterns above the jambs and at the centre which resembles a traditional tympanum form
Inner frame	has three steps
-1st	lotus petals
-2nd	a string of flower encircling it
-3rd	a band of twirling ropes
Lattice	simple diagonal latticework
Proj. end af the Lintel	ornate lotus flower motifs
Cornice	dog's tooth, mouse tooth patterns specially moulded bricks as the crown

Conditions

The structure of the window is in a good condition. The lower portions of the sill including the inner frame are slightly weathered. The bottom and the vertical members of the outer frame at the sill have worn out. There is a minor vertical cracks in the left jamb, extending from its center to its top. The left jamb has shifted by half an inch from its original place above the mountain motif. The lattice work is not authentic and is ill fitted in the frame. .

Recommendations

Readjust the left jamb to its original position. Replace the lattice work with the one copied from the 2.8.W.04. Thorough cleaning of the window is essential.



2.8.W.03 Frame-original /authentic, Shutters-new (added in 1990s)

Outer frame	an encircling strip of flowers with lizard figures extruding out
Sill	
-bases	mystical lions
- centre	ornamental cusped pattern with
- proj. ends	elaborate foliage motif
Jamb	designed in traditional pattern with multiple columns
-bottom	lotus flowers in block, beneath seven layers of kulan design
-middle	ritual pot, lotus leaves, egg pattern and a band of crocus stamen, a strip of betel leaves
-shaft	carved with foliage detail
-top	the details are repeated as below and has rope motif in a block at the apex
Lintel	4 stepped kulan design with egg motif, lotus leaves and lotus petals with a figure of Hanuman under foliage at the centre and has figures of female deities above the jambs and Ganesh at the centre.
Inner frame	encircling chain of flowers
Sec. jamb	in traditional pattern
-bottom	lotus flower in a block above a mouse images and beneath several layers of kulan patterns.
-middle	ritual pot, leaves, kulan patterns, egg and a band of crocus stamen motif and deities in an elaborate motif
-top	a plait of ropes which extends to the lintel

-lintel	seven nose pattern with deities depicted in them and has kulan pattern below them
Frame support	in traditional pattern with details similar to the sec. jamb
Apron	plain plank with a chain of leaves in a cusped pattern and a ornate flower pattern in the centre. This is bordered by a band of crocus stamen and egg patterns, which has a kulan above it.
Shutters	frame with diagonal lattice
Proj. end af the Lintel	hunting scene with tigers preying on deers
Cornice	dog tooth pattern, lion heads, lotus flowers and special moulded bricks

Conditions

The structure of the window is in good condition. It has been coated with unsightly red colour and has yellow colour highlighting some details. However, the shutters have not been painted since they have been added only recently, replacing the old ones. The right secondary jamb has a large vertical structural crack starting from the base with lotus flower in a block till the pedestal of the deity at the center. The apron plank is a new one and gaps have developed around it due to the natural drying of the wood.

Recommendations

Remove the unhistoric layer of colour from the window. Reinforce the damaged secondary jamb with steel member to strengthen it. Recarve the apron plank with reference to 2.7.W.3, which is an authentic one.



2.8.W.04 Frame-original, Lattice-original

Outer frame	a band of leaves
Sill	
-bases	lions on mountain motifs
- centre	circular flower patterns
- proj. ends	flower patterns with creepers flowers
Jamb	designed in traditional pattern with multiple columns
-bottom	several layers of kulan pattern above flower in a block
-middle	ritual pot,
-shaft	plain and has ritual pot in the middle
-top	2 steps of frill design, kulan, egg and crocus stamen patterns
-lintel	kula design with ornate flower patterns above the jambs and at the centre which resembles a traditional tympanum form
Inner frame	has three steps
-1st	lotus petals
-2nd	a string of flower encircling it
-3rd	a band of twirling ropes
Lattice	designed in sunray pattern and has a flower medallion at the centre
Proj. end af the Lintel	ornate lotus flower motifs
Cornice	dog's tooth, mouse tooth patterns specially moulded bricks as the crown

Conditions

The construction is in a good condition. The lower section of the window, around the sill and the projections are slightly weathered. The right base of the jamb has a crack. 5% of the latticework is damaged. Some breakages can be noticed in the right top members of the lattice work. The broken pieces have been replace with new plain ones.

Recommendations

Repair the broken pieces of the lattice. The new details should be copied from the intact existing ones. And the plain members should also be replaced.



2.8.W.05	Frame-Original, Latticework-new
Outer frame	a band of flower patterns
Sill	
-bases	deers.
- centre	ornamental lotus flowers and foliage
- proj. ends	ornamental lotus flowers and foliage
Jamb	detailed in traditional pattern
-bottom	lotus flowers in a block with a few layers of kulan above it
-middle	ritual pot, few layers of kulan and lotus leaves
-shaft	plain
-top	string, hexagonal section, kulan, egg pattern, string, several layers of kulan pattern, lotus leaves and flowers in a block
-lintel	kula design
Inner frame	encircling strip of lotus leaves pattern
Sec. jamb	
-bottom	lotus flowers in a block
-middle	kulan pattern, ritual pot, two layers of kulan pattern, peacock in an ornamental pattern, a band of flower motifs which extends to the lintel
-lintel	five nose patterns with kula design beneath
Frame support	in traditional pattern with details similar to the sec. jamb
Lattice	combination of rectangular macika and daigonal icika pattern
Proj. end af the Lintel	ornamental lotus flowers with foliage
Cornice	triangle, mouse tooth patterns, special moulded bricks

Conditions

The structure of the window is good, though it shows several minor cracks at various places; at the sill, and its extending ends, right secondary jambs and the projecting ends of the lintel. The Lattice is damaged and some elements are missing. From its design and comparing it to similar window 2.8.W.01, we can conclude that the lattice work has been replaced.

Recommendations

Replace the lattice with the one replicated from the window 2.8.W.01.



2.8.W.06 original, shutters new

Sill

-base lions

-centre ornament of creeper framed by lotus leaves and seeds

Jamb multipiled column

-bottom flowers

-middle traditional pattern, ritual pot, lotus leaves, egg pattern

-shaft plain

-lintel kulan design with centred god

Sec. Jamb round arch, encircling lines of lotusleaves and betel leaves, guardians in the corners

Lattice consists in a rail with baluster and casements, diagonal

Surface layer of red and white paint

Condition

Balusters at the grill are slackly. The cornice on top is slackly and out of his position. The window is covered with a red paint and the carvings are accentuated with white paint.

Recommendation

Fix the balusters into the right position. Fix the cornice and fix the breakage



■ rotten
 ■ broken
 ■ missing
 ■ not fitting

Condition

- 2.8.L.01 The lattice and the frame are new and in a good condition
- 2.8.L.02 Frame and lattice are new but a good copy in high quality
- 2.8.L.03 Frame is new, lattice seems authentic, the upper part in the centre is rotten the frame on the bottom is rotten. Elements of the lattice are broken.
- 2.8.L.04 Lattice seems authentic, frame is new, both are in good condition.
- 2.8.L.05 Lattice and frame is new, the lattice work is low grade. The frame and the lattice on top are not fitting, cause the frame is not right crafted for the wood connection.
- 2.8.L.06 Lattice and frame are new, the lattice work is low grade. Elements of the lattice work are broken.
- 2.8.L.07 Lattice and frame are new, the lattice work is low grade. Elements of the lattice work are broken.
- 2.8.L.08 Lattice and frame are new, the lattice work is low grade. The lattice seems replaced from another building, it is too small and twisted with low grade wood complements.

Recommendation

- It is a good example for showing the conservation history.
- It is a good example for showing the conservation history.
- Due to the extensive decay a new lattice and frame has to be replaced.
- A new frame and lattice has to be replaced in the traditional pattern style.
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- A new frame and lattice has to be replaced in the traditional pattern style.
- A new frame and lattice has to be replaced in the traditional pattern style.
- Repair the lattice. Replace the vertical frame support and fit it into the frame.



Condition

2.8.L.09 a Lattice and frame are new, elements of the lattice are broken. The right vertical frame is missing. Frame and lattice are not fitting.

2.8.L.9b Lattice and frame are new, elements are broken. The lattice doesn't fit into the space.

2.8.L.10 No Frame the lattice is a old window shutter and doesn't fit into the frame.

2.8.L.11aThe lattice seems authentic, the frame is new. Some elements are missing

2.8.L.11bThe lattice seems authentic, the frame is new. Some elements are missing and broken

2.8.L.12aThe lattice seems authentic, the frame is new. Some elements are broken

2.8.L.12b The lattice seems authentic, the frame is new. Some elements are missing and broken

2.8.L.13aThe lattice seems authentic, the frame is new. Lattice doesn't fit into the frame, Some elements are missing and broken

2.8.L.13bThe lattice seems authentic, the frame is new. Some elements are missing and broken

Recommendation

Repair the lattice and fit it into the frame.

Replace the new lattice and frame.

Replace the missing parts with wood complements in the traditional pattern style.

Replace the missing parts with wood complements in the traditional pattern style. Repair the broken elements.

Repair the broken elements.

Replace the missing parts with wood complements in the traditional pattern style. Repair the broken elements.

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Replace the missing parts with wood complements in the traditional pattern style. Repair the broken elements.

Replace a new frame and lattice in the traditional pattern design.

Conditions

- 2.8.L.14a Lattice and frame are new, the quality is low grade. Some elements are missing. The frame doesn't fit into the space.
- 2.8.L.14b Lattice and frame are new, the quality is low grade. The frame doesn't fit into the space.
- 2.8.L.15a Lattice and frame are new, the quality is low grade. Some element are broken.
- 2.8.L.15b Lattice and frame are new, the quality is low grade. The frame doesn't fit into the space.
- 2.8.L.16 Lattice and frame are new, the quality is low grade. Elements are broken.
- 2.8.L.17a Lattice and frame are new, the quality is low grade. The frame doesn't fit into the space, the right vertical frame support is broken.
- 2.8.L.17b Lattice and frame are new, the quality is low grade. The frame doesn't fit into the space.

2.8. Cornice above the apron plank

Conditions

It is a member detailed in kulan design above the apron lattice. There is not uniformity in detail and consists of various style. This is probably because they were salvaged from other places and reused here to compensate for the missing original ones after the 1934 earthquake. It is extensively damaged, particularly at the area around the struts.

2.6. Protruding eave / Dhalipakha

Conditions

The carved eaves, covering the protruding joists supporting the lattice, is in a dilapidated state. Considering the haphazard arrangements of the carved blocks and the lack of proper joinery between the piece, we can say that the entire object has been constructed of salvaged elements and there is no planning in their placement.

Recommendations

- Replace a new frame and lattice in the traditional pattern design.
- Replace a new frame and lattice in the traditional pattern design.
- Replace a new frame and lattice in the traditional pattern design.
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- Replace a new frame and lattice in the traditional pattern design.
- Replace a new frame and lattice in the traditional pattern design.

Recommendations

Remove the plank and try to keep so much as possible, fix it in the right position and replace new wood complements in the same pattern style.

Recommendations

Remove the plank and try to keep so much as possible, fix it in the right position and replace new wood complements in the same pattern style.



2.8.S.01 Original

-Kusala (corner horse) on a mountain motif

-plain area for kulan

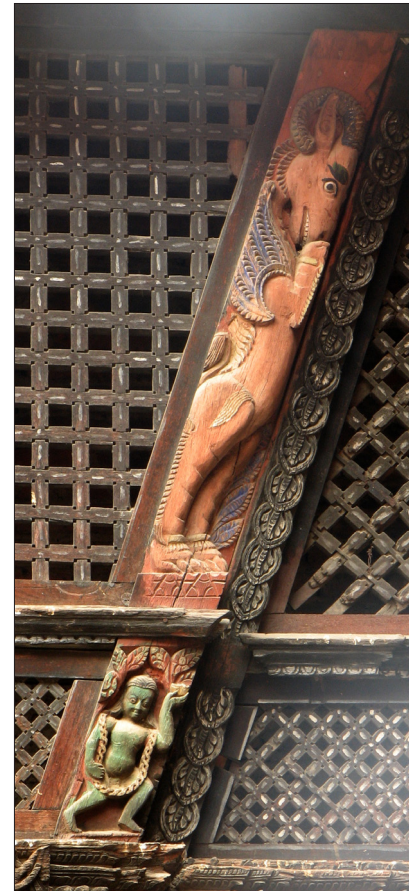
-a standing auxiliary figure under foliage details, wearing a garland and carrying a vessal in his raised right hand.

Conditions

It is in a rather good condition with no structural damage. The area with the auxiliary figure is slightly worn out. There is a hole at body of the main figure above the legs. It has been painted with unsightly polychrome colors. The facial features such as the eyes, mouth have been highlighted with black paint. The quality of carving is inferior as compared to the doors and windows at the lower levels.

Recommendations

It needs to be stabilized and reinforced with steel members for seismic strengthening. The unhistoric paint from the strut needs to be cleaned.



2.8.S.08 Original

-Kusala (corner horse) on a mountain motif

-plain area for kulan

-a standing auxiliary figure under foliage details, wearing a garland and carrying a vessal in his raised left hand.

Conditions

The condition of the strut is good. This is a mirror image of the 2.8.S.01. There is a crack at the base of the main figure. Though this was also painted with polychrome colors, only the trace of the base red color remains. The quality of carving is inferior as compared to the doors and windows at the lower levels

Recommendations

It needs to be stabilized and reinforced with steel members for seismic strengthening. The unhistoric paint from the strut needs to be cleaned.



2.8.S.02 Original

-layers of foliage

-one of the mother goddesses, has four arms holding a ... & a bell in her back hands and her fore hands are in a mudra. She is white in color. She is

wearing a garland of human skulls.

-lotus pedestal as the base for the deity

-plain area for kulan

-a sitting auxiliary figure coated with red color, under foliage details, carrying a vessel in its left hand

Conditions

It is in good condition. The carving is very crude and is of inferior quality as compared to other ones. The strut has been painted with unhistoric polychrome colors.

Recommendations

It needs to be readjusted, stabilized and reinforced. A stainless steel member should be introduced for seismic strengthening, and also to support the heavy load of the lattice. The unauthentic color should be removed.



2.8.S.03 Original

-layers of foliage

-a female/male deity with a bull's head has four arms holding a drum & a trident in his back hands and a vessel & a katang in her fore hands. She is red in color. She is standing on dog and wearing a garland of human skulls.

-lotus pedestal as the base for the deity

-plain area for kulan

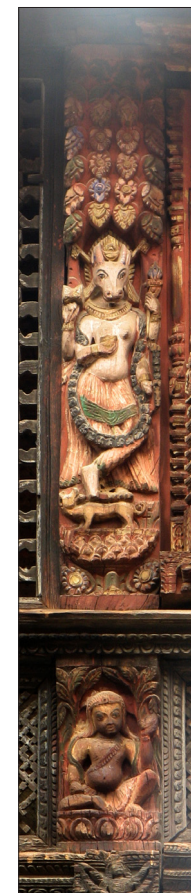
-a sitting auxiliary figure coated with blue color, under foliage details, carrying a vessel in its raised right hand

Conditions

It is in a good condition. The lower section with the auxiliary figure is slightly weathered. The quality of carving is inferior as compared to the lower doors and windows. It is coated with unauthentic colors.

Recommendations

The struts should be stabilized and reinforced with a stainless steel member. This should be done to support the weight of the lattice and during a seismic movement. The color should be carefully removed.



2.8.S.04 Original

-layers of foliage

--a female/male deity with a bull's head has four arms holding a drum & a trident in his back hands and a vessel & a katang in her fore hands. She is red in color. She is standing on dog and wearing a garland of human skulls.

-lotus pedestal as the base for the deity

-plain area for kulan

-a sitting auxiliary figure coated with blue color, under foliage details, carrying a vessel in its raised right hand

Conditions

The strut is in good shape. However, we can see certain areas; the upper foliage layer and the body of the auxiliary figure have darkened by the rain water. The quality of the carving is very inferior and is a replica of 2.8.S.03. It is painted with a layer of unsightly polychrome colors.

Recommendations

It has to be stabilized and retrofitted with a stainless steel member to support the heavy load of the lattice. This is also important for the seismic strengthening. We need to take off the damaged and unauthentic paint from the strut.



2.8.S.05 Original

-layers of foliage

-one of the mother goddesses, has four arms holding a & a bell in her back hands and her fore hands are in a mudra. She is green

-lotus pedestal as the base for the deity

-plain area for kulan

-a sitting auxiliary figure under foliage details, carrying a vessel in its right raised hands.

Conditions

The strut is in good condition but the lower area with the auxiliary figure has developed a large crack, extending from the base to the top of the plain area. The carving details are inferior in quality. A layer of unsightly polychrome colors is coated on the strut.

Recommendations

The unhistoric color from the figures should be carefully removed so as not to damage the fabric of the strut. Then it should be restablized and reinforced with stainless steel member.



2.8.S.06 Original

-layers of foliage

-a female/male deity with a a bull's head has four arms holding a drum & a trident in his back hands and a vessal & a katang in her fore hands. She is yellow in color. She is standing on dog and wearing a garland of human skulls.

-lotus pedestal as the base for the deity

-plain area for kulan

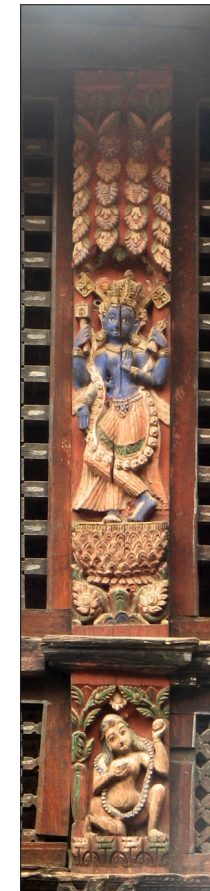
-a sitting auxiliary figure, under foliage details, carrying a vessal in its raised right hand

Conditions

It is in a good condition though slightly weathered. The quality of the carving is inferior as compared to the lower doors and windows. It is also a poor copy of 2.8.S.03. The top part above the foliage detail of the strut has developed a crack. It is painted with a layer of unhistoric polychrome colors

Recommendations

It should be stablized and readjusted before retrofitted with a new steel components for seismic strengthening. And the colors need to be removed.



2.8.S.07 Original

-layers of foliage

-one of the mother goddesses, has four arms holding a & a bell in her back hands and her fore hands are in a mudra. She is blue

-lotus pedestal as the base for the deity

-plain area for kulan

-a sitting auxiliary figure under foliage details, carrying a vessal in its right raised hands.

Conditions

The strut is in good condition but the quality of carving is inferior. A large gapping crack has developed in the body of the principal figure, from the right leg to the crown. The detailing of the carving is similar to 2.8.S.02 and 2.8.S.05. A layer of unsightly polychrome colors is coated on the strut.

Recommendations

It should be reinforced with a stainless steel member to support the load of the lattice and also for seismic strengthening. The color should be removed.



2.8.S.11 Original

-Kusala (corner horse) standing on motif depicting mountains

Conditions

It is in a good condition. A crack has developed at the fore limb of kusala extending to its neck. It is coated with polychrome colors, and the main figure has a blue color. The back of the strut is considerably weathered due to continuous settlement of the dirt and bird droppings.

Recommendations

A plank needs to be fixed behind the strut to prevent the further its decay from the bird droppings. In order to prevent the strut from rupturing, a new steel member must be introduced to share the load with the strut. The unhistoric color should be removed.



2.8.S.18 Original

-Kusala (corner horse) standing on motif depicting mountains

Conditions

The strut has slightly worn out. The damage is more at the back because of the continuous contact with dust and bird droppings for a very long period. A crack has developed at the hind limb of the kusala. It is painted with unhistoric polychrome colors and the main figure has a white color.

Recommendations

A plank needs to be fixed behind the strut to prevent the further its decay from the bird droppings. In order to prevent the strut from rupturing, a new steel member must be introduced to share the load with the strut. The unhistoric color should be removed.



2.8.S.09 Original but salvaged from some other building

-layer of foliage

-a multi-armed figure of Bhairav but the arms and the attributes are lost. It has his feet on a pair of oxen

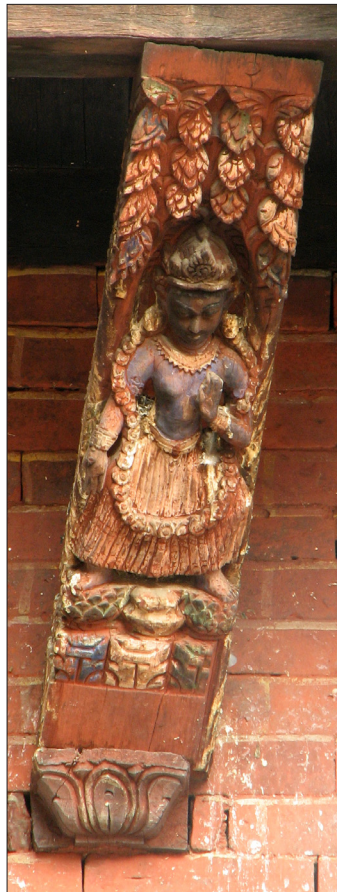
-lotus pedestal as the base for the deity

Conditions

The strut has weathered heavily. The arms of the deity are lost and the facial features uncomprehensible. There is a crack at the lotus pedestal. Its size is very large and was probably salvaged from some other building. The back of the strut too has weathered because of accumulating dirt and bird droppings. The quality of the carving is rather inferior. It is coated with unsightly polychrome color.

Recommendations

The unhistoric color from the figures should be carefully removed so as not to damage the fabric of the strut. Then it should be restabilized and a plank added behind it to prevent its further damage from bird droppings.



2.8.S.10 Original

-layer of foliage

-a female deity with her hands in a gesture and has her feet resting on a pair of lotus pedestal

-motif depicting mountains

Conditions

The strut is in good condition. The quality of the carving is crude and low grade. The continuous settlement of dirt and bird dropping has damaged the back of the strut. A layer of unhistoric polychrome colors covers it.

Recommendations

A plank needs to be fixed behind the strut to prevent the further its decay from the bird droppings. The unhistoric color should be removed.



2.8.S.12 Original

-layer of foliage

-a female deity with her hands in a gesture and has a foot on a bull and another on a lotus pedestal

-motif depicting mountains

Conditions

The condition of the strut is good but the hand of the principal figure has developed a crack. The back area of the strut has weathered due to the accumulation of dust and bird dropping. The quality of the carving is very low grade.

Recommendations

The unauthentic color should be removed. It should be stabilized and a plank placed on the backside to protect it from bird droppings.



2.8.S.13 Original

-layer of foliage

-a female deity with her hands in a gesture and standing on a platform

-motif depicting mountains

Conditions

It is slightly weathered and has cracks at the top and the base pedestal. The back area of the strut has weathered due to the accumulation of dust and bird dropping. It is coated with unsightly polychrome color.

Recommendations

A plank needs to be fixed behind the strut to prevent the further its decay from the bird droppings. The unhistoric color should be removed.



2.8.S.14 Original but salvaged from some other building

-layer of foliage

-a multi-armed figure of fierce deity but the arms and the attributes are lost. It has his feet on a pair of garud

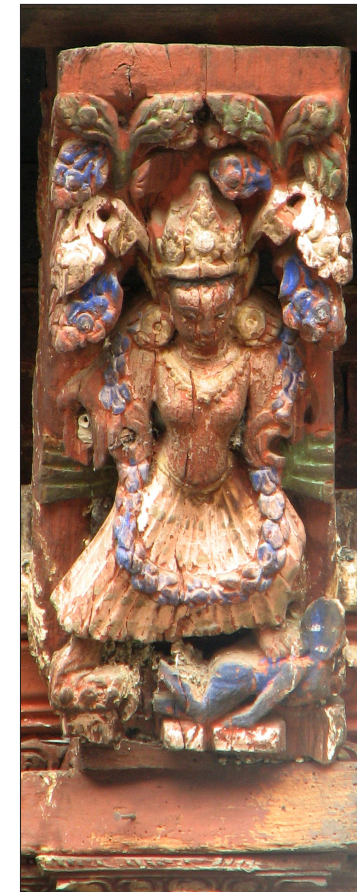
-a pair of garud in a human manifestation

Conditions

The strut has worn out with a large crack extending from the layer of the foliage to the base. A piece of wood has fragmented from the base. It is larger in size and also has its upper and lower levels cut to be adjusted here. The carvings with the garuds have damaged. The accumulating bird dropping and the dirt has damaged the back of the strut. It is coated with unsightly polychrome color.

Recommendations

The unhistoric color from the figures should be carefully removed so as not to damage the fabric of the strut. Then it should be restablized and a plank added behind it to prevent its further damage from bird droppings



2.8.S.15 Original

-layer of foliage

-a female deity with multiple arms but are lost and has a foot on a lotus pedestal and the other on a human figure

Conditions

It is in a very weathered condition with all the arms of the deity missing. There is a major crack running along the whole of the strut. The base has completely damaged and the features of the human figure lost. The back of the strut too has weathered because of accumulating dirt and bird droppings. It is coated with unsightly polychrome color.

Recommendations

The unhistoric color from the figures should be carefully removed so as not to damage the fabric of the strut. Then it should be restablized and a plank added behind it to prevent its further damage from bird dropping



2.8.S.16 Original

-layer of foliage

-a female deity (blue in color) with her hands in a gesture and is standing on a horse

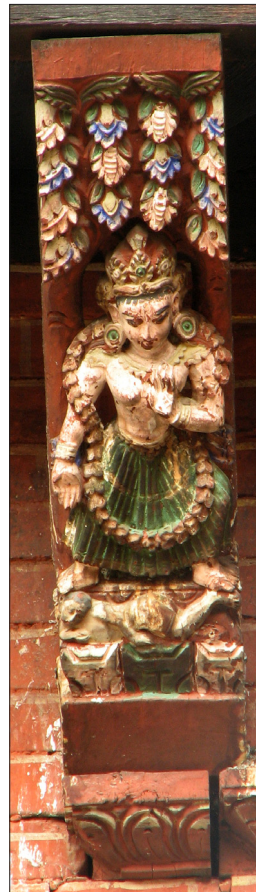
-motif depicting mountains

Conditions

It is in a good condition. The detailing of the carvings is very crude and are of inferior quality. The back portion of the strut is affected by the long accumulating bird dropping and dirt. It is colored with unsightly polychrome paint

Recommendations

The unhistoric color from the figures should be carefully removed so as not to damage the fabric of the strut. Then it should be restablized and a plank added behind it to prevent its further damage from bird dropping



2.8.S.17 Original

-layer of foliage

-a female deity (white in color) with her hands in a gesture and standing on a human figure

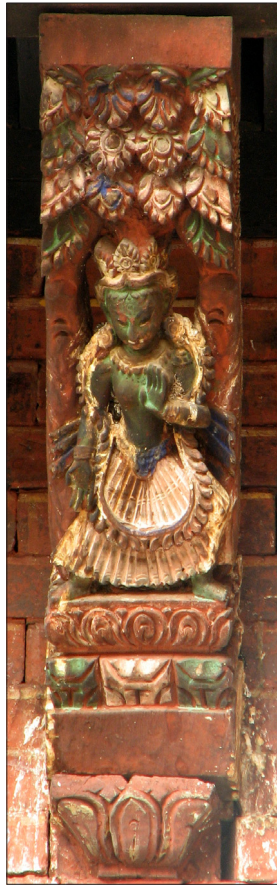
-motif depicting mountains

Conditions

It is in good condition. The quality of carving is inferior. The continuous settlement of dirt and bird dropping has damaged the back of the strut. A layer of unhistoric polychrome colors covers it.

Recommendations

A plank needs to be fixed behind the strut to prevent the further its decay from the bird droppings. The unhistoric color should be removed.



2.8.S.19 Original

-layer of foliage

-a female deity (green in color) with her hands in a gesture and standing on a lotus pedestal

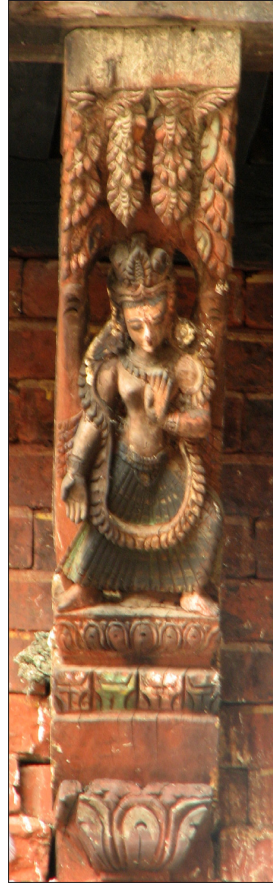
-motif depicting mountains

Conditions

The strut is in good condition. The carving details are of low grade. The back area of the strut has weathered due to the accumulation of dust and bird dropping. It is coated with unsightly polychrome color.

Recommendations

The unauthentic color should be removed. It should be stabilized and a plank placed on the backside to protect it from bird droppings.



2.8.S.20 Original

-layer of foliage

-a female deity (in red color) with her hands in a gesture and standing on a lotus pedestal

-motif depicting mountains

Conditions

It is slightly weathered and has a few cracks on the base. The accumulating bird dropping and the dirt has damaged the back of the strut. It is coated with unsightly polychrome color.

Recommendations

The unhistoric color from the figures should be carefully removed so as not to damage the fabric of the strut. Then it should be restablized and a plank added behind it to prevent its further damage from bird dropping



2.8.F.01 Original

- foliage
- a scene depicting a noble man carrying a demonic figure.
- an inscription describing the above scene

Conditions

It is in fair condition. and has been painted with unsightly polychrome colors. There is crack at the foliage level and also at the base. Carving is of inferior quality.

Recommendations

The unauthentic color should be removed It should be stabilized to be incorporated when restoring the latticework.



2.8.F.02 Original

- foliage
- a tantric figure (Camunda) with a skull garland and carrying a drum his hands. The other attribute has weathered.
- base is lost and has been replaced with a plain piece of wood

Conditions

It has weathered completely and the base is missing. It has been painted with unsightly polychrome colors. Carving is of inferior quality.

Recommendations

The unauthentic color should be removed It should be stabilized to be incorporated when restoring the latticework- The base should be recarved on the basis of other similar element..



2.8.F.03 Original

- foliage
- a tantric figure with a skull garland and has his hands folded
- lotus pedestal

Conditions

It is in good condition. and has been painted with unsightly polychrome colors. Carving is of inferior quality.

Recommendations

The unauthentic color should be removed It should be stabilized to be incorporated when restoring the latticework.



2.8.F.04 Original

- foliage
- a tantric figure. The attributes have damaged.
- lotus pedestal

Conditions

It has worn out heavily and attributes are damaged. It has been painted with unsightly polychrome colors making the carving incomprehensible. Carving is of inferior quality.

Recommendations

The unauthentic color should be removed It should be stabilized to be incorporated when restoring the latticework.



2.8.F.05 Original

- foliage

-a tantric figure (Camunda) with a skull garland The attributes are damaged.

-lotus pedestal

Conditions

It has weathered considerably making the carvings incomprehensible. and has been painted with unsightly polychrome colors. Carving is of inferior quality.

Recommendations

The unauthentic color should be removed It should be stabilized to be incorporated when restoring the latticework.



2.8.F.06 Original

- foliage

-a tantric figure (Camunda) with a skull garland attributes are unrecognizable

-lotus pedestal

Conditions

It is slightly weathered. and has been painted with unsightly polychrome colors. Carving is of inferior quality.

Recommendations

The unauthentic color should be removed It should be stabilized to be incorporated when restoring the latticework.



2.8.F.07 Original

- foliage

-a tantric figure with the attributes unrecognizable

-lotus pedestal

Conditions

It is hard weathered making the carvings incomprehensible. It has been painted with unsightly polychrome colors. Carving is of inferior quality.

Recommendations

The unauthentic color should be removed It should be stabilized to be incorporated when restoring the latticework.



Patan Darbar Square
after earthquake 1934

**An investigation of the
humidity bearing property of Sal Wood / Shorea Rhobusta**

from
Maike Voelkel
student of conservation and restoration
of cultural heritage in wooden arts

July 2007



Sundari Cok

facing south, K.Boeck, durch indien ins verschlossene Land Nepal, Leipzig 1903

An investigation of the humidity bearing property of Sal Wood / Shorea Rhobusta

The gentle type of preservation our cultural heritage monuments is to find the right kind maintenance method of historical monuments. The method proposed should use the original materials and revive traditional craft techniques with which the monument was created. The functional efficiency of wood in a exterior area is affected by climatic conditions and climatic change.

Humidity, UV-rays, temperature, and microorganisms are the principal factors that trigger the weathering process of wood. Apart from physical measures to protect wood on a monument against weather exposure, a treatment with a impregnation can protect the wood against the factors like humidity penetration in the long run.

The weathering of exterior wood is a complex process of coeval actions, depending to the elements like UV-rays, which are the energy source to actuate the weathering process and humidity, which gives favorable environment for growth of microorganisms that decays wood. If wood is wet, UV-rays destruct the material much more faster than in dry wood.

In general, when lignin, the main substance of wood, is eliminated, there is an acceleration in the weathering process. The physical appearance and the chemical / physical properties of the wood change. It is more vulnerable to abrasion and a loss occurs due to embrittlement of the wood.

The following timber treatment test line relates to the humidity penetration in Sal Wood/ *Shorea robusta*, which is the timber used at the carved elements at Sundari Cok. The protocol is to display the water penetration in untreated and treated wood with modified oils, and to show the differences.

The tests here were done for a short period. A significant and authoritative outdoor test is preferable for more precise information, especially effects of the UV-rays and the changing climate over a season.

The objective of the tests was to find a considerate impregnation which reduces the speed of decay of weathered wood, for a long-term preservation of the carvings at historical buildings, even with the known fact that sal wood is a very strong and long-lasting wood.

The highest criteria is to inhibit the sorption of water. A historic weathered wood surface can not react in this dimension like a untreated surface. Water rinses out the main wood ingredients lignin and cellulose which is reduced from the sun ray exposure. This can be slow down with a suitable treatment.

Execution of the test

New weathered wood test dummies show the effect of an impregnation based on modified oils. (See the attached list of recipes)

The fundamental idea was to create an impregnation with *Tung Oil* due to its distinguished qualities against water and weather. However, Tung Oil is not available in small measures in Nepal. A further test with Tung Oil would prove valuable.

Linseed oil and Drying Oil are the bases of the recipes. Paraffin was used as an additive to increase the hydrophobic qualities. Cedar Oil was used as a additional protection against insects. Pre-coating the dummies with Borax is a good protection against microorganisms.

Firstly the dummies were weighed before they were dipped completely in water for 24 hours. After 2 hours the dummies were weighed again. After drying they were treated with the different modified oils 2 times and dried for the next two weeks.

Now, the process of weighing and dipping is repeated as in the case of untreated wood. The difference between the weights show the water penetration.



weathered wood dummies



weathered wood dummies

An investigation to the humidity bearing of Sal Wood / Shorea Rhobusta

Recipes Timber treatment K.V.P.T. Maike Voelkel May 2007

	Recipe I. Wood I.	Quantity	Recipe II. Wood II.	Quantity	Recipe III Wood III.	Quantity	Recipe IV Wood IV:	Quantity
Oils	Linseed Oil Drying Oil	20% 40%	Linseed Oil Drying Oil	20% 40%	Drying Oil	60%	Drying Oil	60%
Solvents	distilled Turpentin	40 %	distilled Turpentine	40 %	distilled Turpentine	40%	distilled Turpentine	40%
Additives	Borax Paraffin	 0,1 Gew %	Cedar Oil	 0,1 Gew. %	Paraffin	 0,1 Gew. %	Cedar Oil Borax	 0,1 Gew. %

An investigation to the bearing cautious of Sal Wood / Shorea Rhobusta

Timber treatment fresh wood

K.V.P.T. Maïke Voelkel May 2007

Wood cubes Weight	I.	II.	III.	IV.
dry wood	140 g	144 g	138 g	140 g
wet wood after 24 hrs.	146 g 154 g	150 g 156 g	142 g 148 g	146 g 154 g
treated wood	142 g	146 g	139 g	141 g
treated wood wet	143 g 145 g	150 g 154 g	140 g 143 g	144 g 150 g

An investigation to the humidity bearing of Sal Wood / Shorea Rhobusta

Timber treatment weathered wood K.V.P.T. Maike Voelkel May 2007

Wood cubes Weight	I.	II.	III.	IV.
dry wood	44 g	16 g	18 g	56 g
wet wood after 24 hr.	50 g 56 g	20 g 22 g	20 g 22 g	62 g 74 g
treated wood	46 g	17 g	19 g	58 g
treated wood wet	49g 54 g	20 g 21 g	20 g 20 g	63 g 69 g

Used materials

Purified Linseed Oil: Camal/ Mumbai
Drying Oil: Camal/ Mumbai
Destilled Turpentine: Camal/ Mumbai
Borax: di Sodium Tetraborate LR Na₂B₄O₇·10H₂O
s.d.fine chem. Ltd.
Paraffin: medical hard paraffin; melting point 63C
Natural essential Oil of Cedar Wood: Aroma India

An investigation to the bearing of Sal Wood / Shorea Rhobusta

Results of the test and recommendations to conserve the woodcarvings at Sundari cok

Clearly identifiable from the test is that during the first two hours the untreated wood absorb much more water as compared to the following 22hr.

The impregnation treatment delayed the absorption of water. Between the various oils, there is no distinctive difference in the block effect. Pre-covering with Borax shows a positive impact to the hydrophobic effect. The weathered wood absorb potentially more water than the new wood, by reason that hygroscopic ingredients on weathered wood are already rinsed out with rain water. The surface of the weathered wood acts as a sponge and absorbs great volumes of water. Thus, the weathered wood needs protection against this, otherwise there will be irreversible damage to carvings and will be lost for ever.

Basically, the treatment with modified oils limit the water penetration notably. The paraffin in the ingredient benefit the roll-on effect to water on the wooden surface. The part of paraffin in the mixture has to be under 1 % of the total weight. The treatment will intensify the natural colour of the wood but not in an unaesthetic way. When the oil dries, it becomes lighter again.

Most of the woodcarvings in the building elements at Sundari Cok are covered with a grey /brown layer of dust, dirt and bird dropping. The accumulating bird dropping over a long period of time has damaged the carvings to some extent. Gentle cleaning before treating the decorative elements is therefore necessary to prevent the damage to the fabric of the timber. An important principle while cleaning timber is to minimise the amount of water use.

Dry cleaning should be done with soft brushes to remove loose dust and dirt, and later for sensitive removal of hard dirt, a scalpel should be used. For wet cleaning soft brushes should be used. The amount of water used has to minimised as much as possible. It is important that the wood can dry easily after cleaning, without serious penetration into the weathered wood.

Based on the test results, I recommend a mixture of water, ethanol, natural soap and vinegar essence in the following quantities to be used an impregnating agent

Ethanol	50 parts
Water	47 parts
Natural soap	2 parts
Vinegar essence	1 parts

This ingredient provides an efficient cleaning, specially for the contamination at the decorative elements caused by the exhaust gas pollution and the strains from birds. Based on this results, recipe I. should be used for the carved elements (however, the recipe based on tung oil should also be tested for better effect). I recommend to use bee wax instead of paraffin because the adhesion property of bee wax with oils are better.

The melting point of the wax is higher than 50C. Distilled turpentine in a high quantity guarantees a better blend of the mixture. Heat up the mixture before application improves penetration into the timber. The process of covering has to be repeated 4 times to achieve a hydrophobic layer. A continuous treatment is mandatory to preserve these significant wood carvings of immense historic value from further decay.

In addition to this, I recommend a maintenance instruction, which includes a dry and wet cleaning with soft brushes and the oil mixture every third year, if possible every year.

Apart from these, periodical monitoring should be done for the carved timber elements to determine the technological changes of the treatment after the conservation.



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KVPT – UNITED STATES

36 West 25th Street - 17th Floor
New York, New York 10010, USA

TEL: +1 212 727 0074

EMAIL: susannah@kvptnepal.org

KVPT-NEPAL

P.O.Box 13349
Kathmandu, Nepal

TEL: +977 1 55 46 055

EMAIL: info@kvptnepal.org

kvptnepal.org