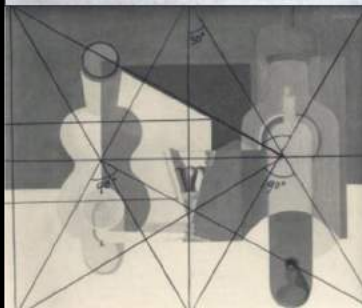
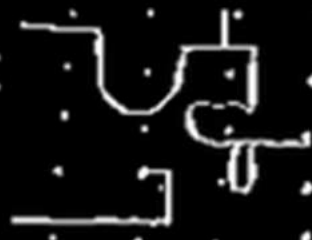
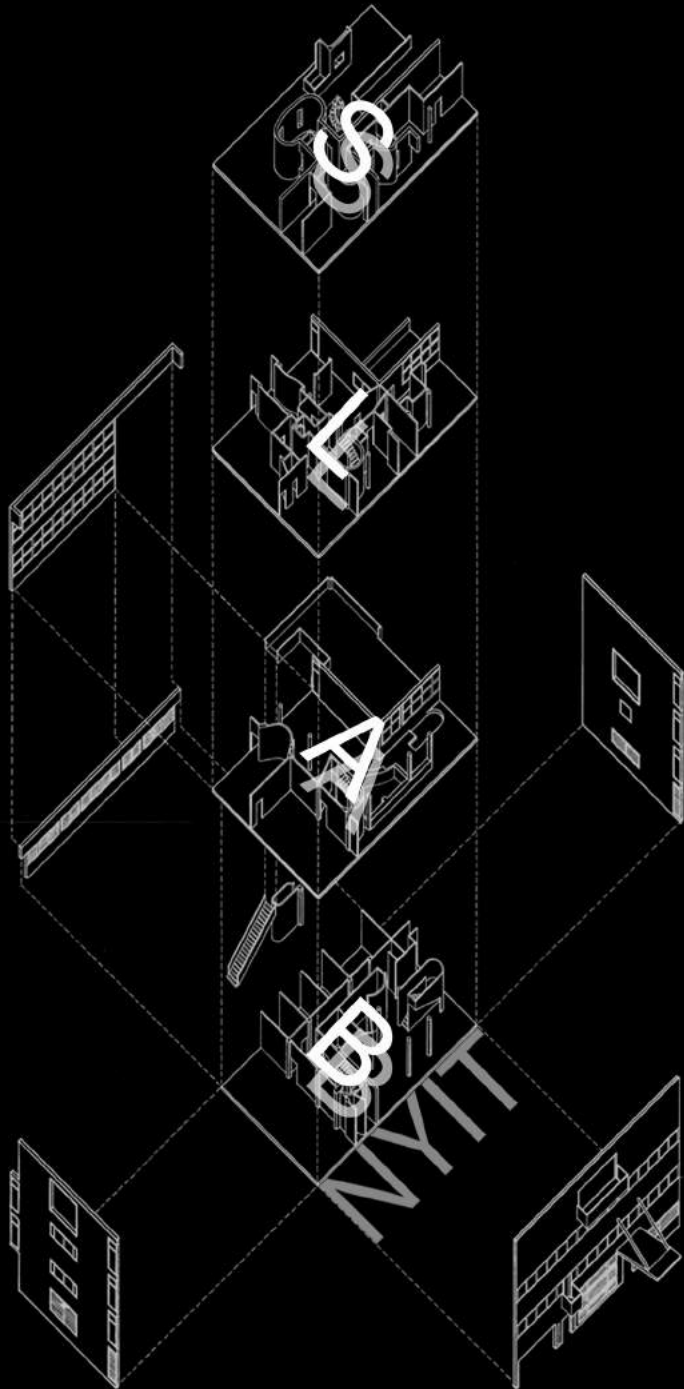


# RESTORATION OF VILLA STEIN DE MONZIE

SIMULTANEITY and COMMON GROUND

1926 - 1927



“...man is capable of great happiness when he feels that he is creating...”  
- (Le Corbusier-Precisions”



# SLAB - STUDENT LED AS BUILD

This Slab project was made possible by the invitation of Pierre Antoine Gatier, Chief Architect of the Historic Monuments of France, A.C.M.H.-I.G.M.H. to Judith DiMaio, FAIA, RIBA. The invitation presented Dean Emerita/Professor DiMaio with the opportunity to involve NYIT students in the Villa Stein-deMonzie renovation research for both Spring, 2016 and Fall, 2016.



JUDITH DIMAIO, FAIA, RIBA  
PIERRE ANTOINE GATIER, A.C.M.H. - I.G.M.H.

## NYIT STUDENT COLLABORATORS

### SPRING 2016

HOY LIM  
RYAN MACCREA  
NAZ TOPCU

### FALL 2016

MATTHEW ACER  
VISHNU ANIL  
JESUS CEBALLOS  
SHIVANIE MUNESHWAR

### SPRING 2016 AND FALL 2016

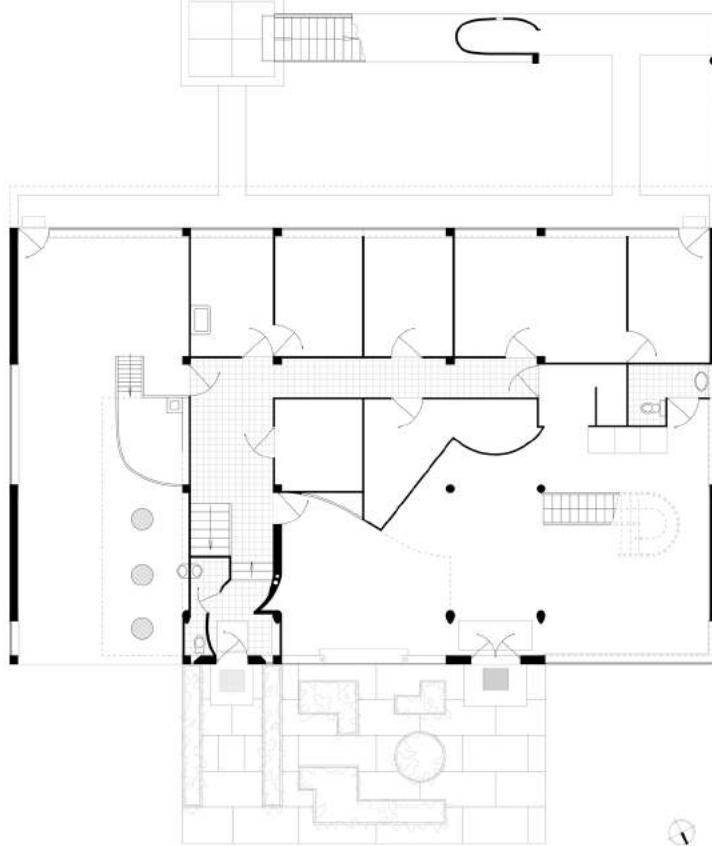
ARKADIUSZ CHROBAK  
MINH NGUYEN  
JAMES GIUSTINIANI

FRANK MRUK, FAIA, RIBA, LEED.AP; Associate Dean and Project Manager.

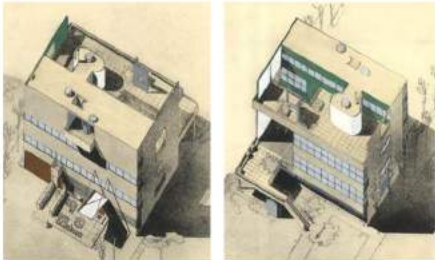
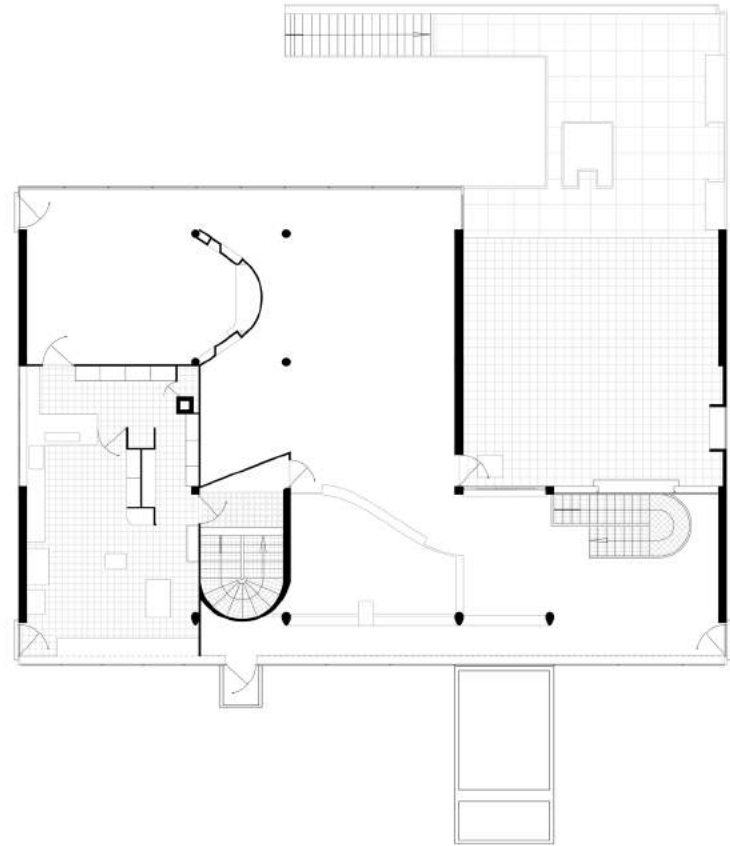
# SIMULTANEITY

## THE OVERLAPS BETWEEN PANTING AND ARCHITECTURE

GROUND FLOOR PLAN



1st FLOOR PLAN



Original axonometric analysis by Le Corbusier



Nature Mort, 1922



Ozon II, 1940-1962



Villa Savoye Master bath



Peinture Murale de l'atelier rue de Sevres



Verre, bouteille, miroir et leurs ombres



Villa Schwob (1912)



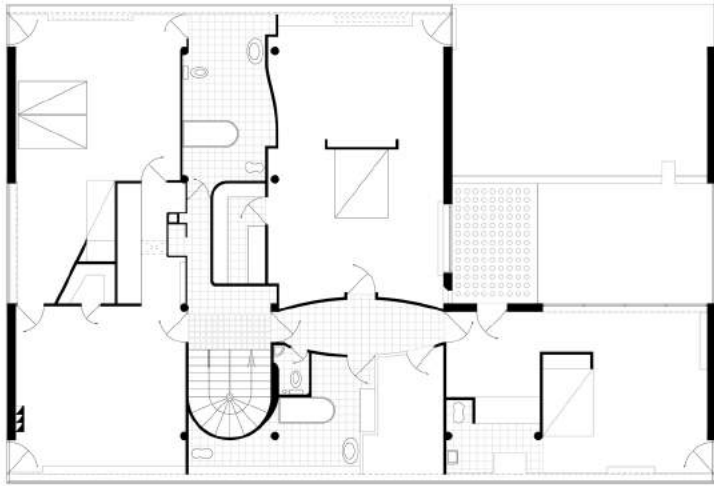
Chute de Barcelona



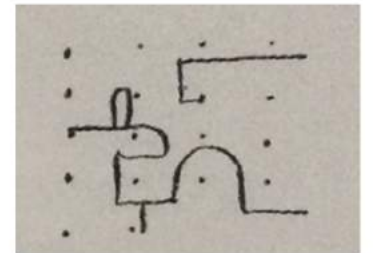
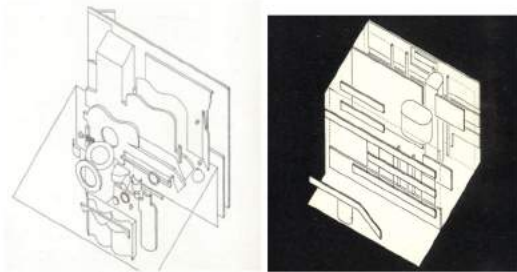
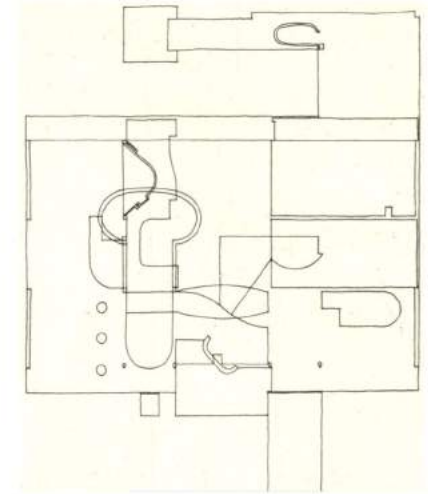
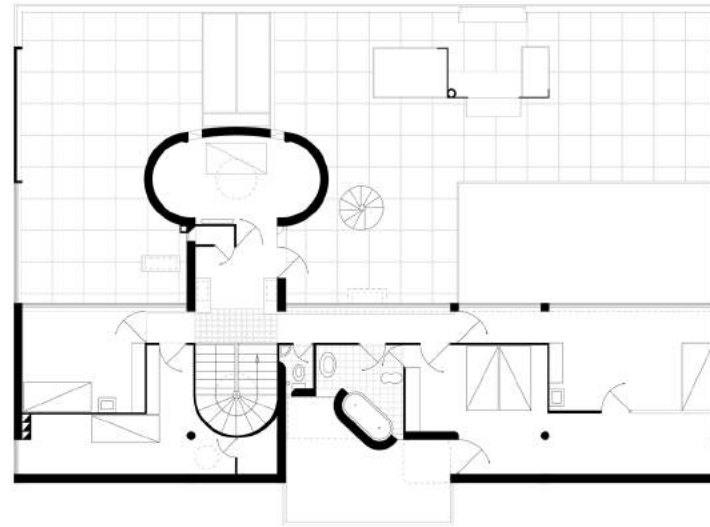
Trois Visages (1926)



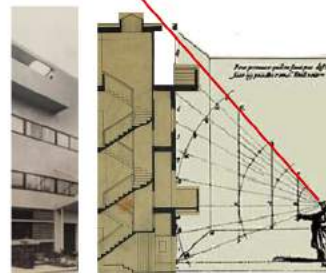
2nd FLOOR PLAN



3rd FLOOR PLAN

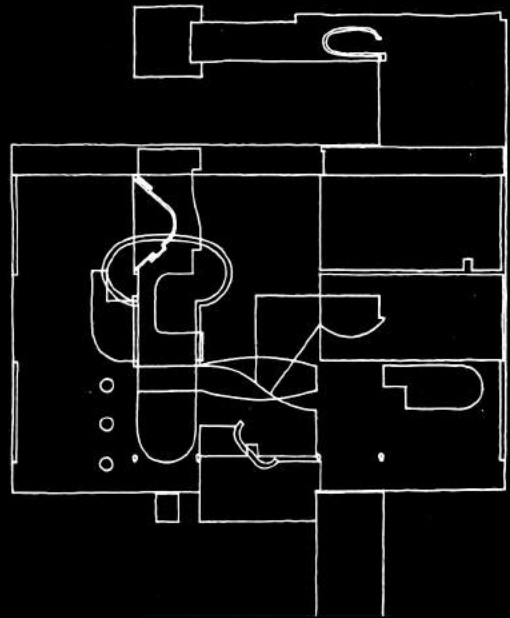


Nature Mort (1920)

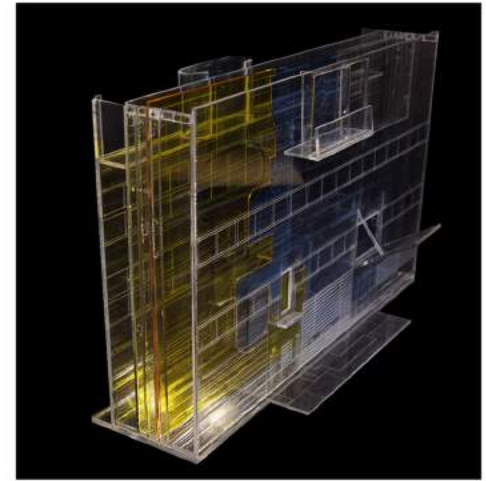
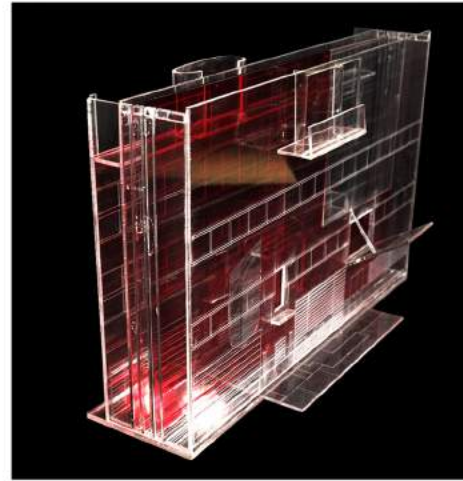


La Bouteille de Vin Orange (1922)

# COMPRESSED ANALYTIC MODEL

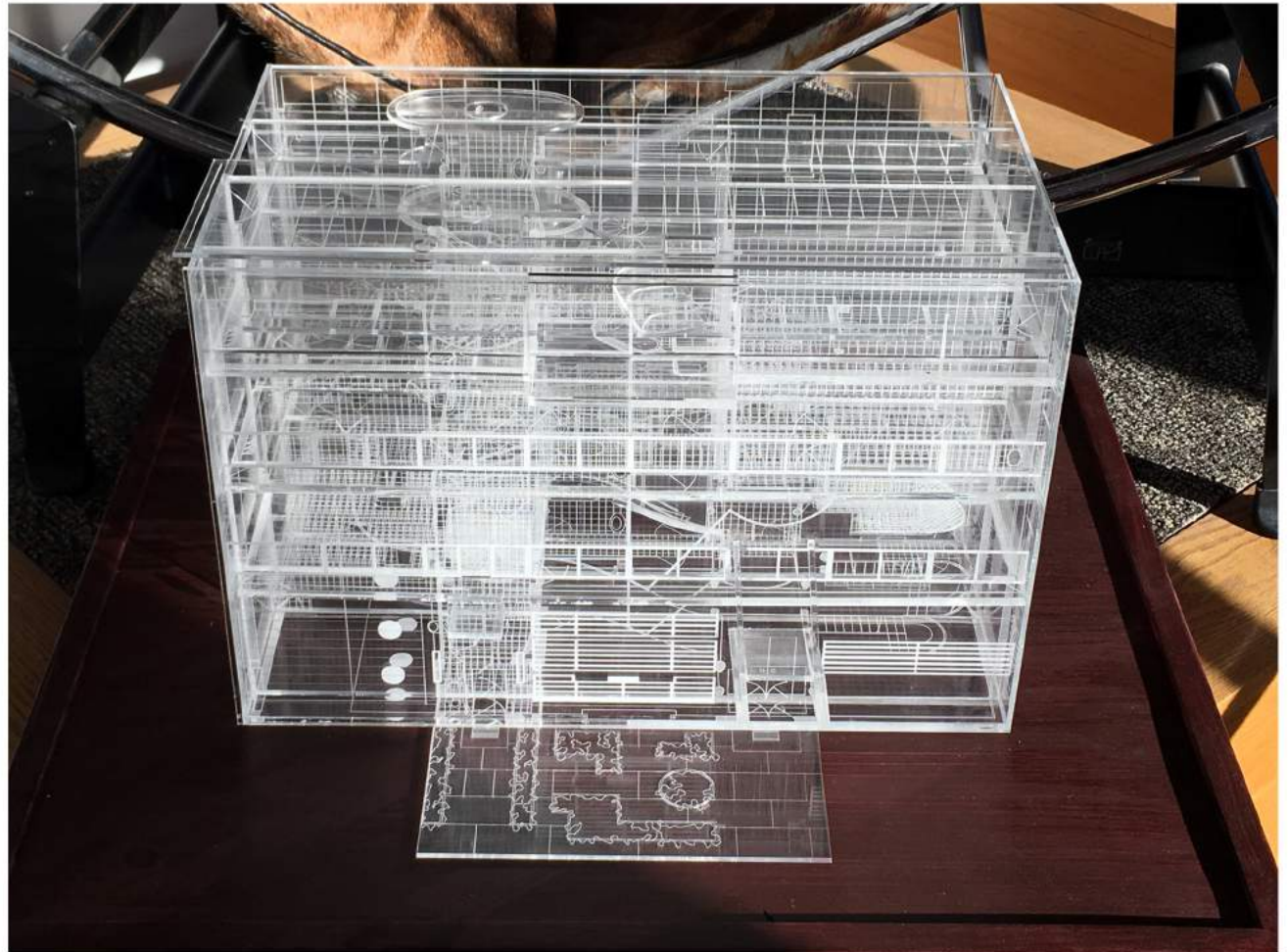
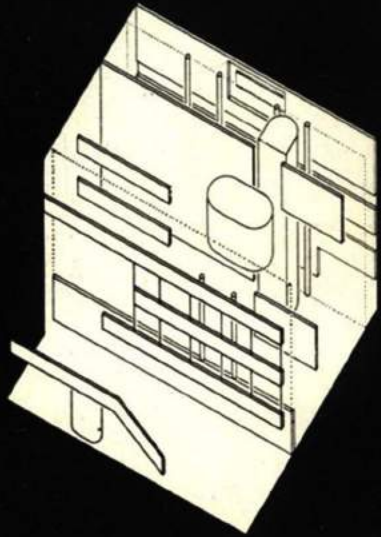


# TECTONIC AND PICTORIAL OVERLAPS



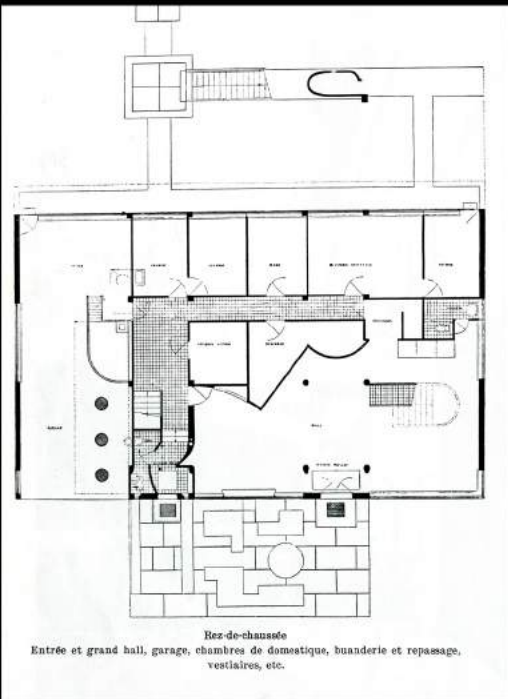
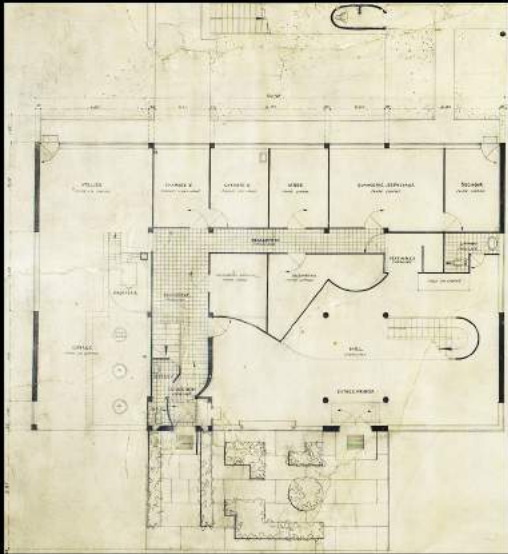


# ANALYTIC MODEL: TRANSPARANCIES AND LAYERING

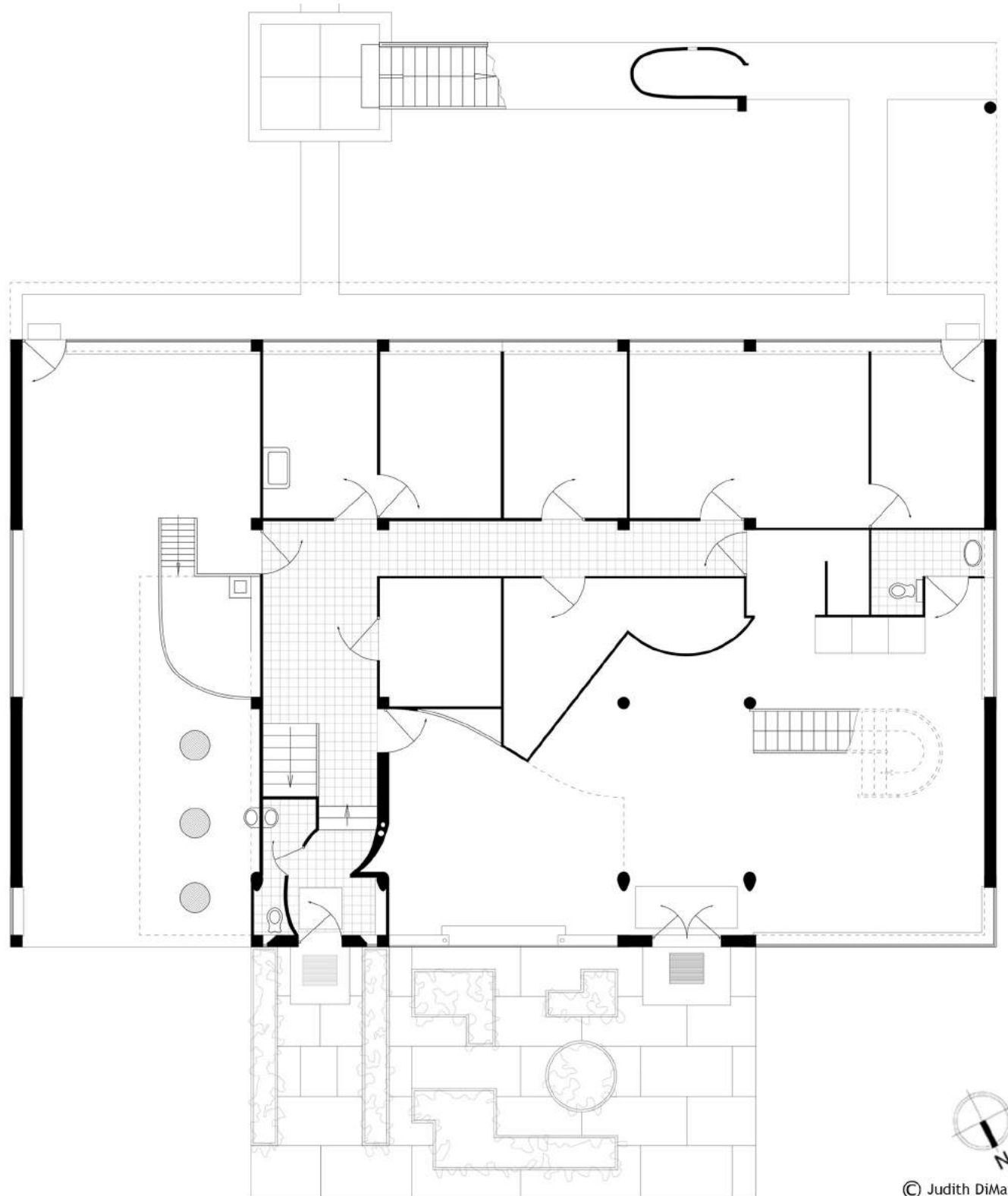


# GROUND FLOOR PLAN

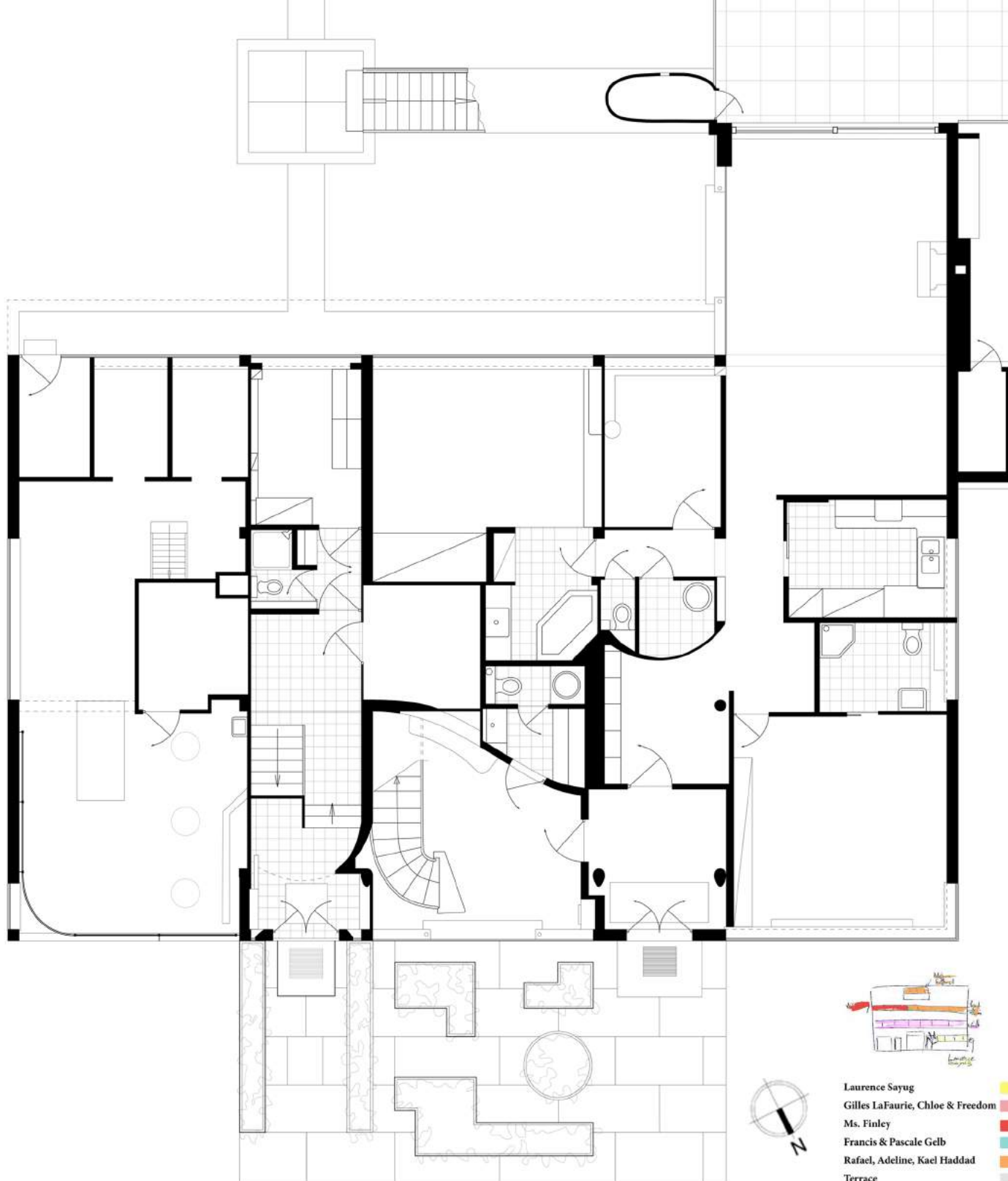
ORIGINAL (1927)



Rez-de-chaussée  
Entrée et grand hall, garage, chambres de domestique, buanderie et repassage,  
vestiaires, etc.



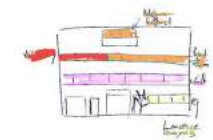
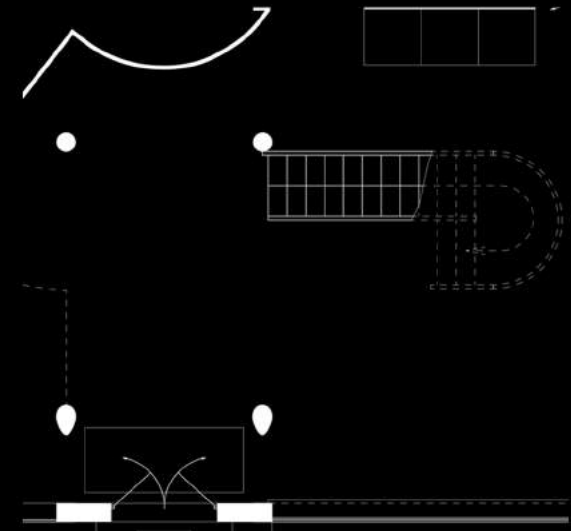




# GROUND FLOOR PLAN

EXISTING (2016)

ELEMENTS THAT ARE GONE

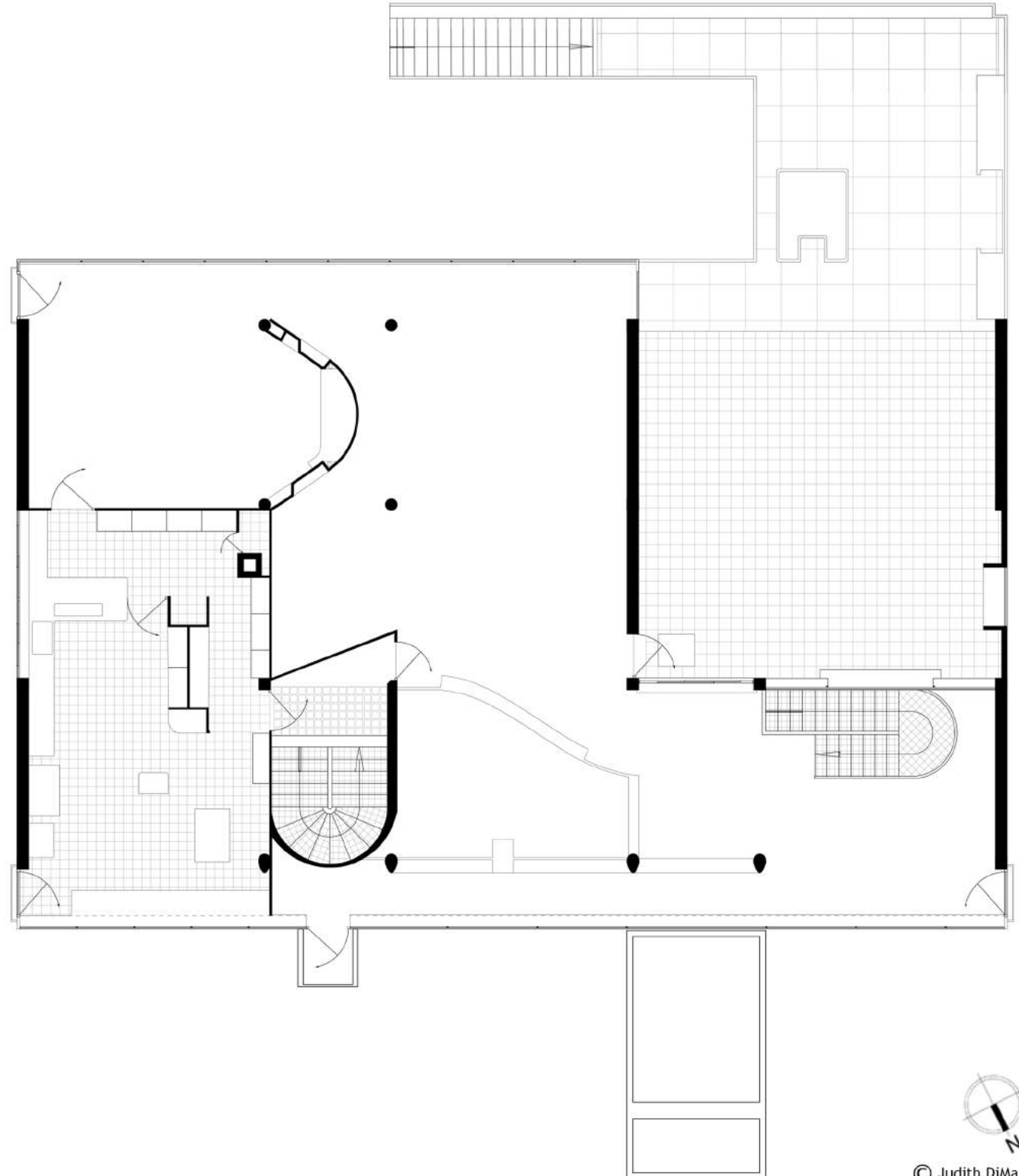
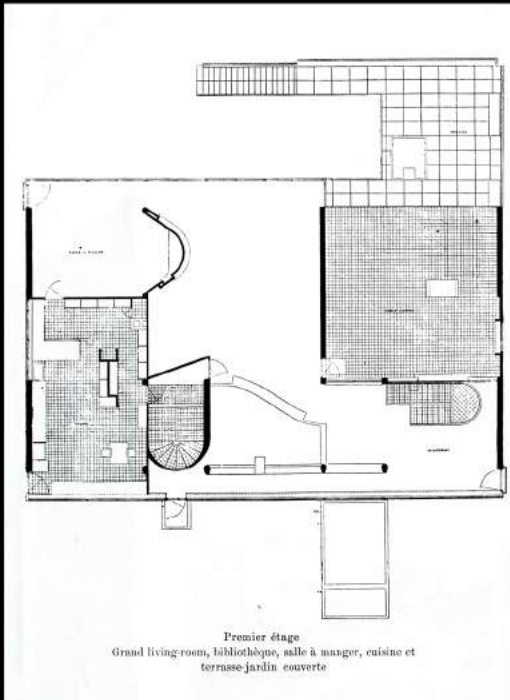
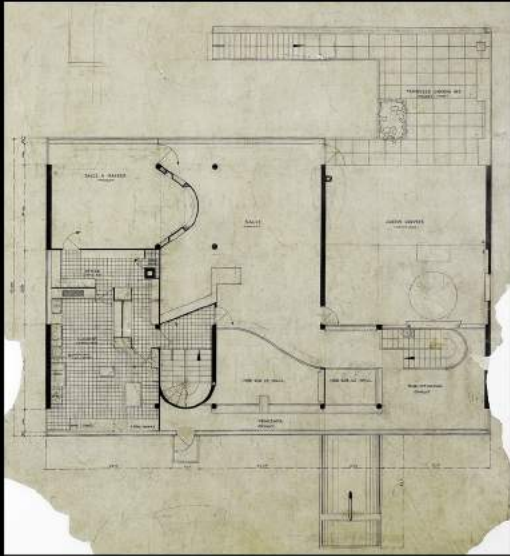


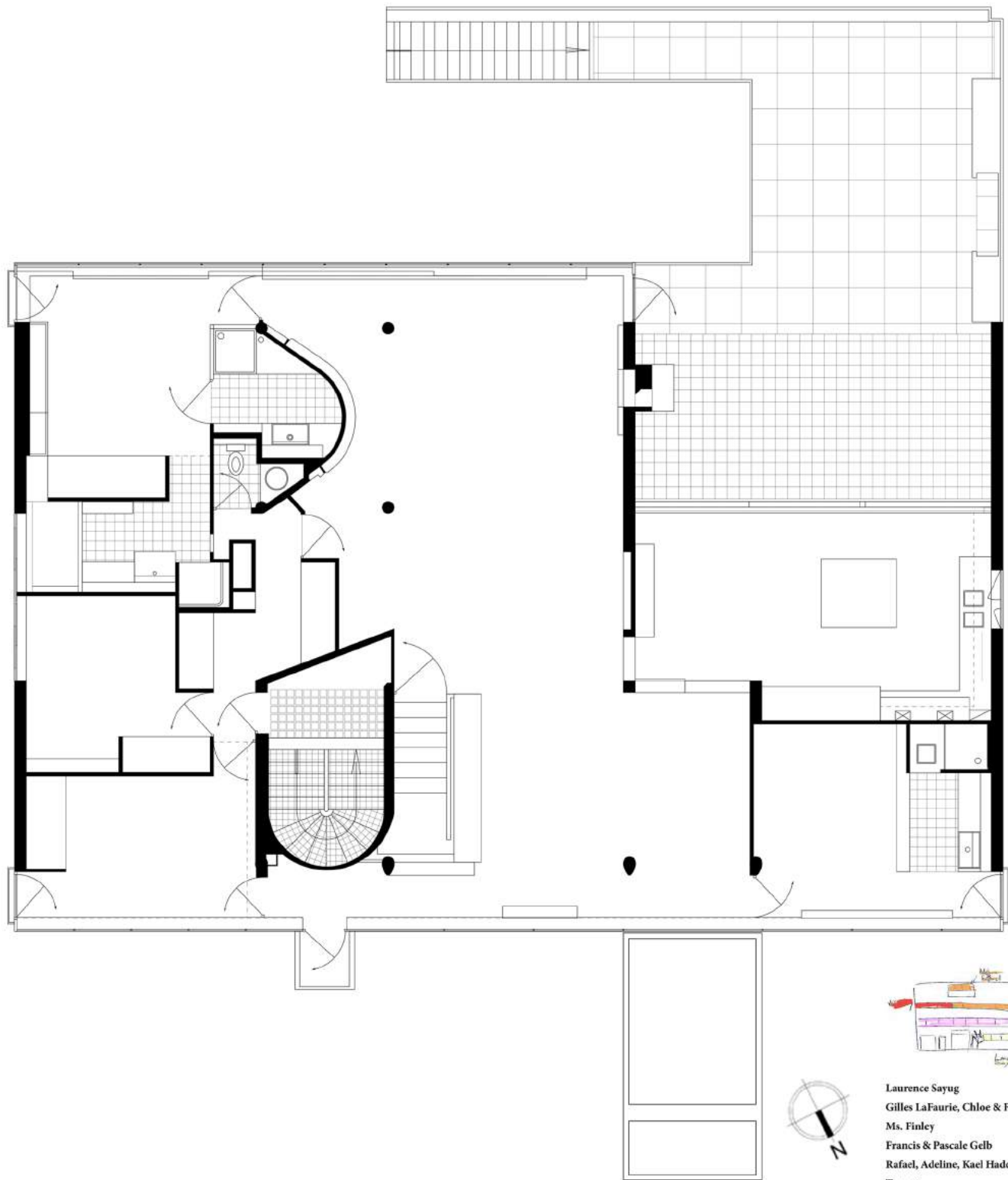
- Laurence Sayug ■
- Gilles LaFaurie, Chloe & Freedom ■
- Ms. Finley ■
- Francis & Pascale Gelb ■
- Rafael, Adeline, Kael Haddad ■
- Terrace ■



# 1st FLOOR PLAN

ORIGINAL (1927)

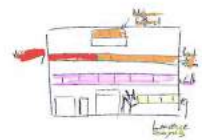
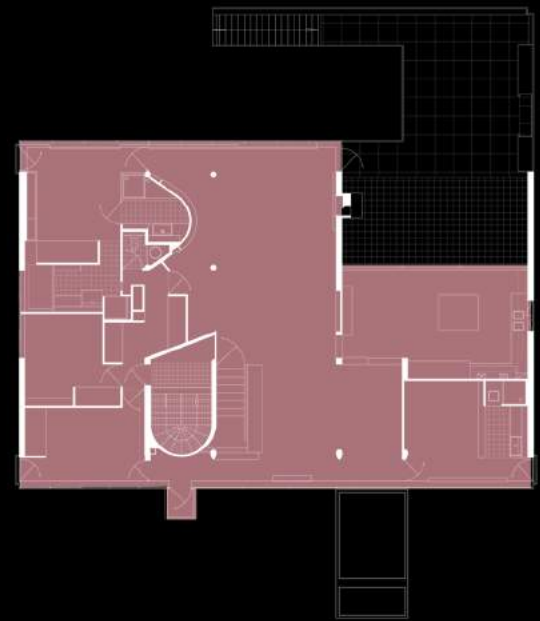
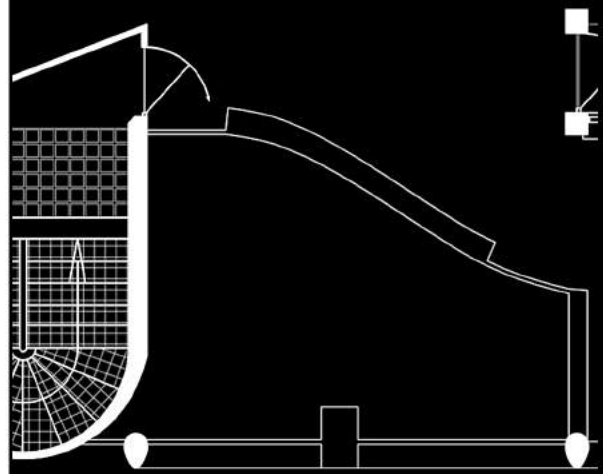




# 1st FLOOR PLAN

EXISTING (2016)

ELEMENTS THAT ARE GONE

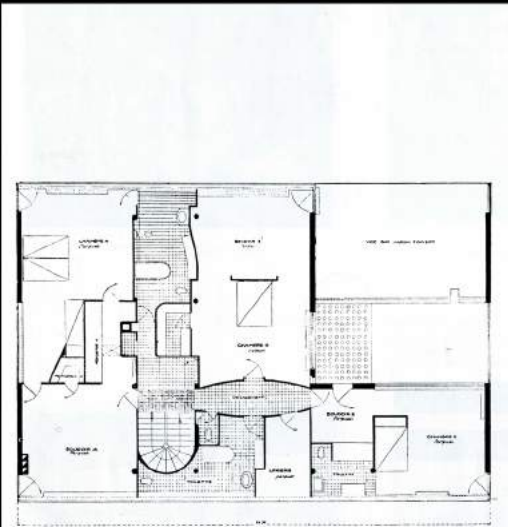
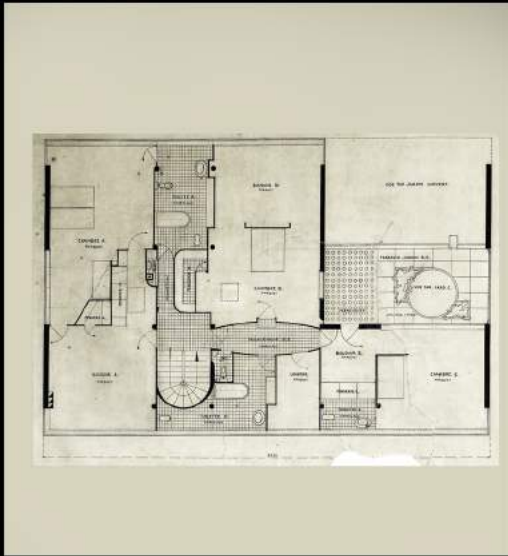


- Laurence Sayug ■
- Gilles LaFaurie, Chloe & Freedom ■
- Ms. Finley ■
- Francis & Pascale Gelb ■
- Rafael, Adeline, Kael Haddad ■
- Terrace ■

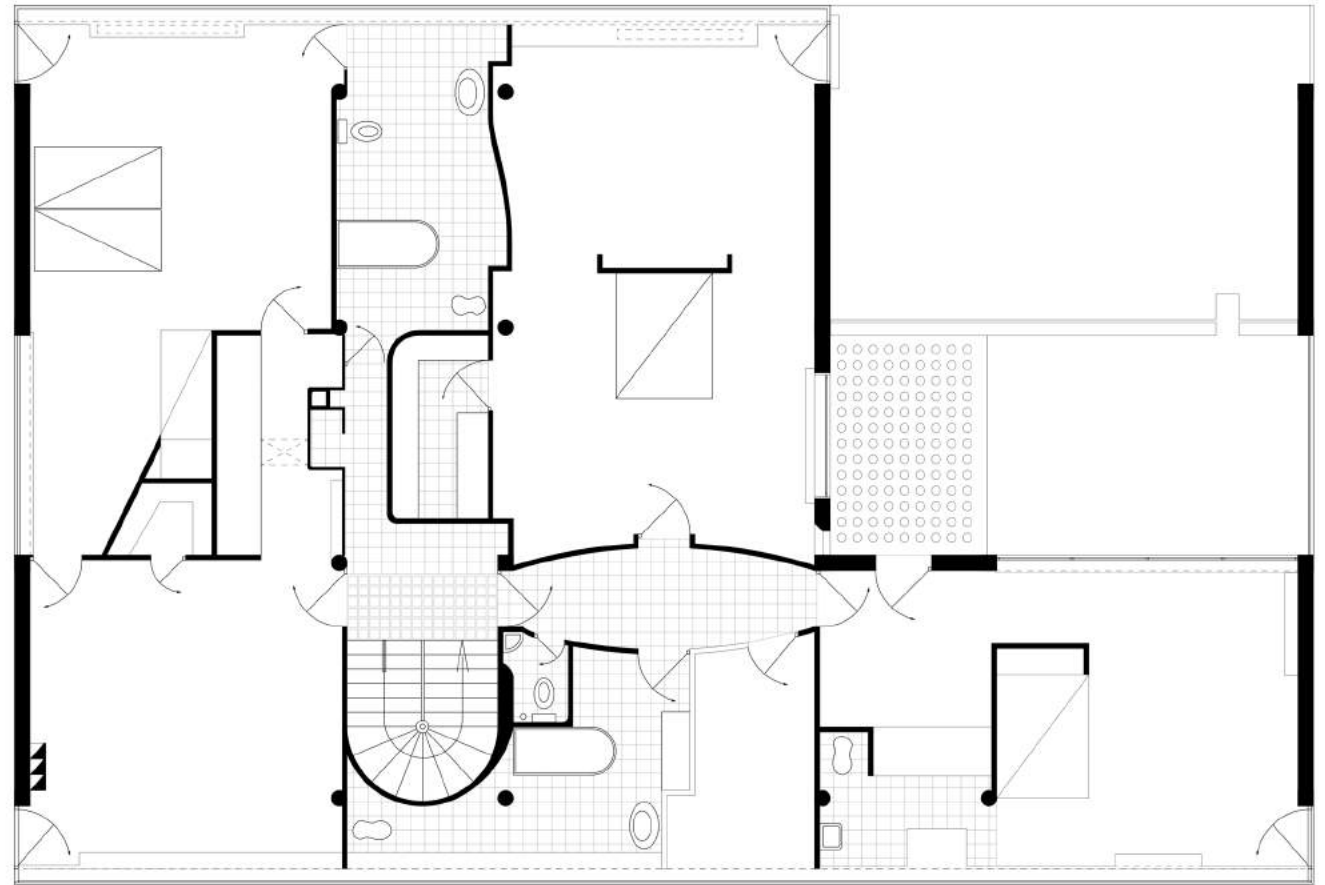


# 2nd FLOOR PLAN

ORIGINAL (1927)



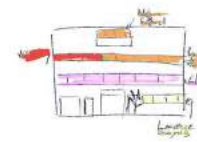
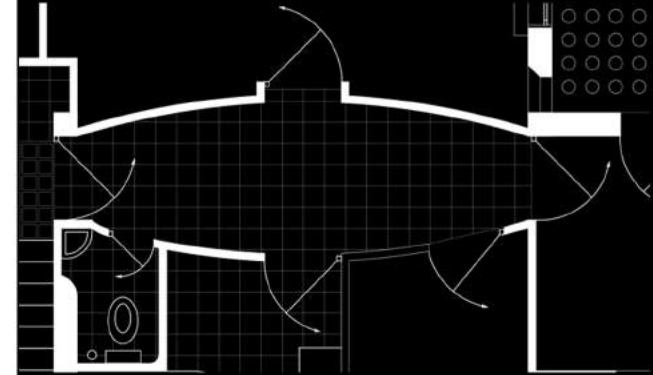
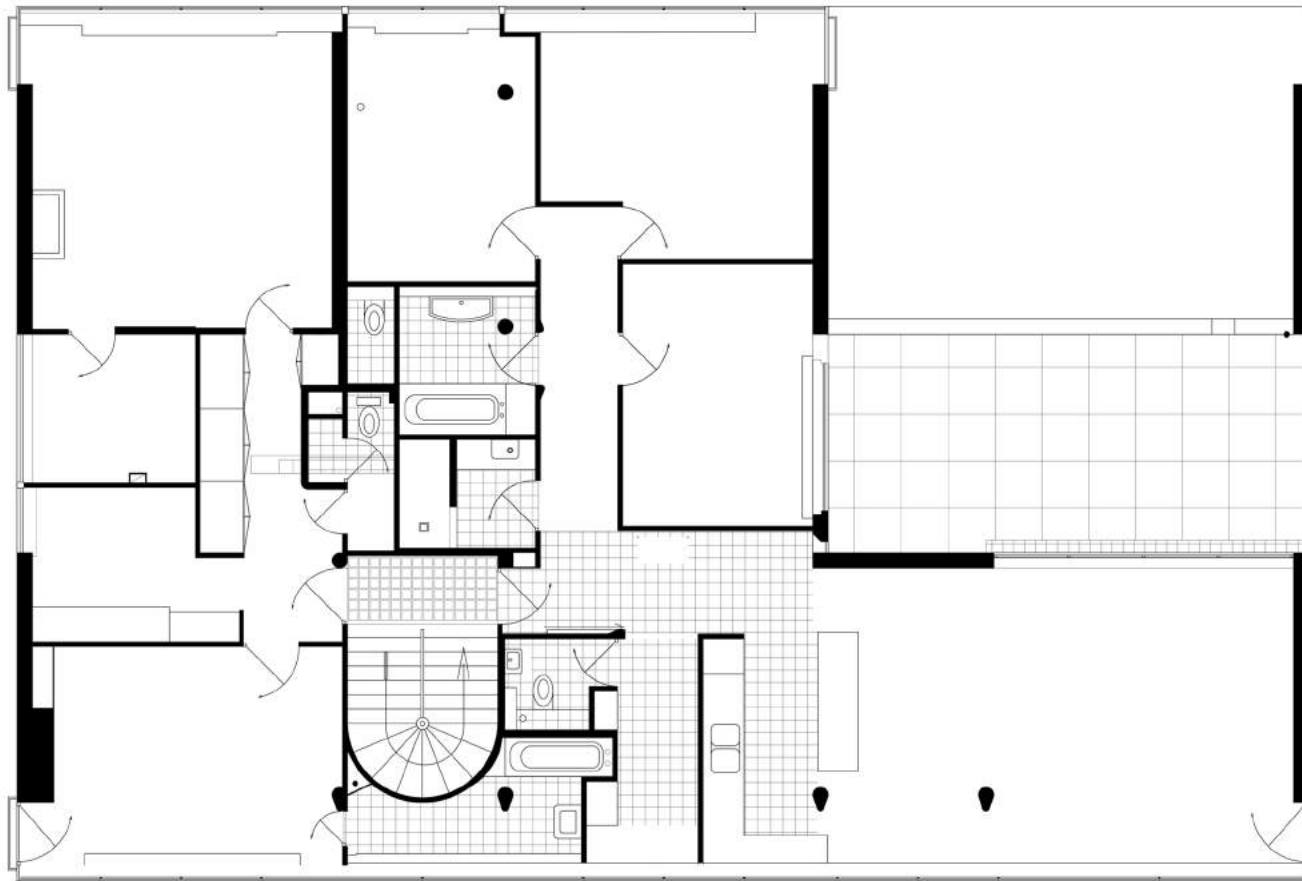
2<sup>e</sup> étage  
Deux chambres à coucher avec lundoirs et salles de bains,  
chambres d'amis, lingerie, etc.



# 2nd FLOOR PLAN

EXISTING (2016)

ELEMENTS THAT ARE GONE

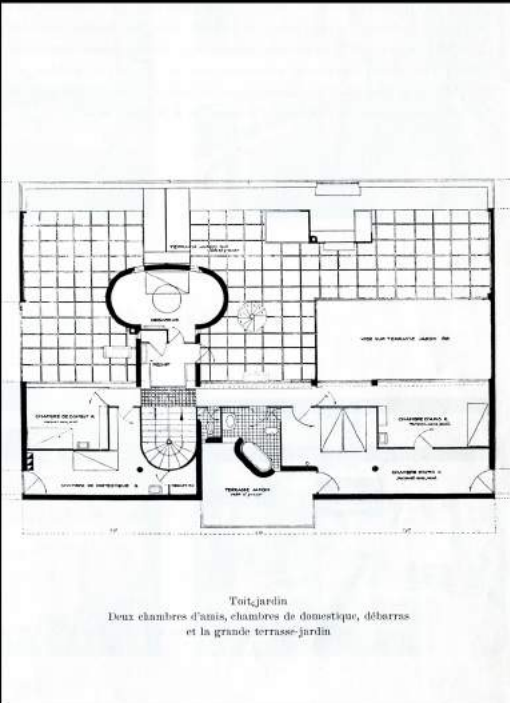
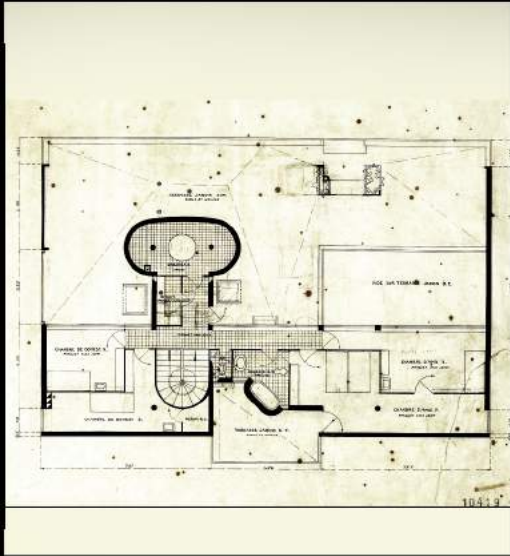


- Laurence Sayug
- Gilles LaFaurie, Chloe & Freedom
- Ms. Finley
- Francis & Pascale Gelb
- Rafael, Adeline, Kael Haddad
- Terrace

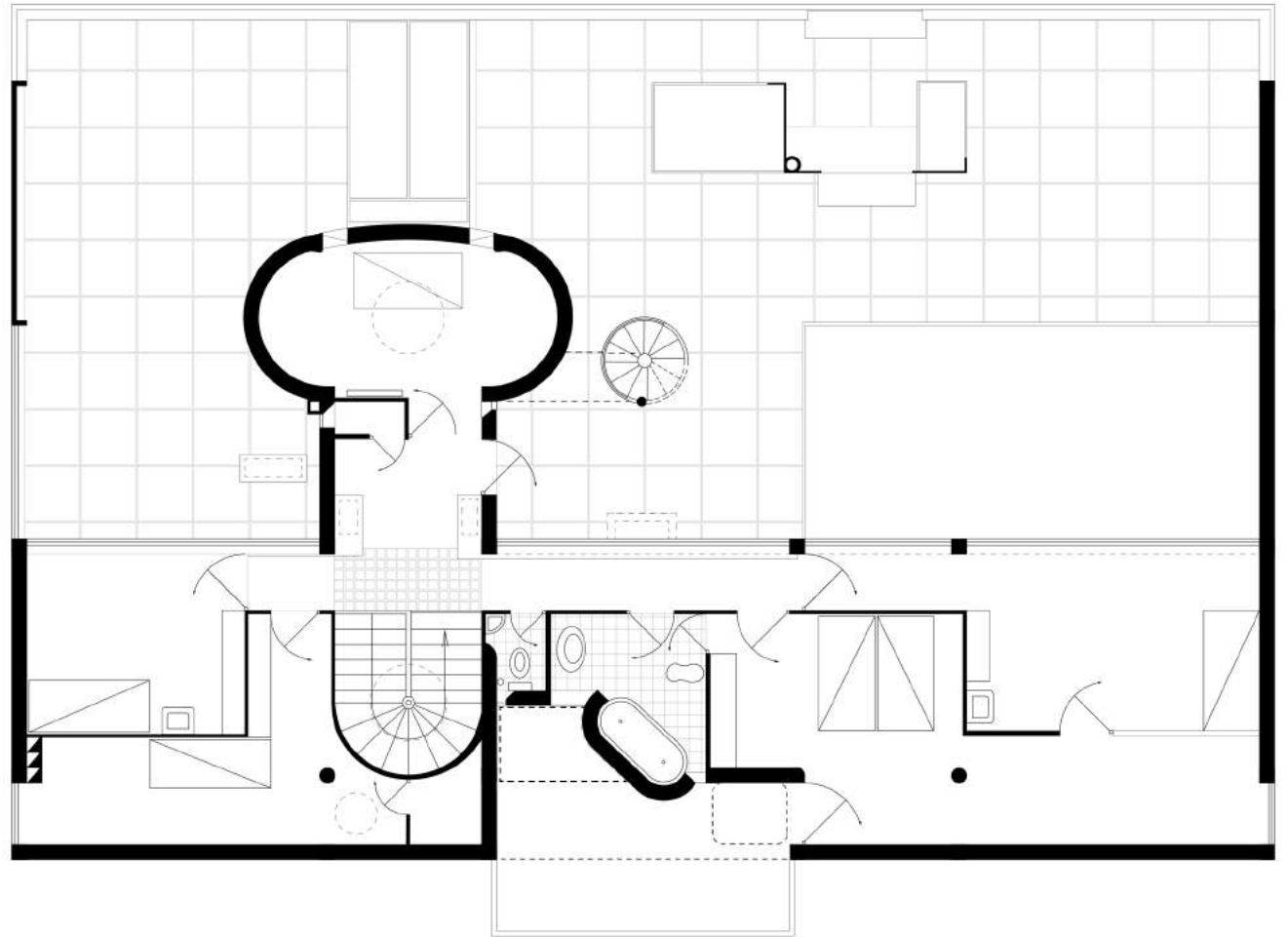


# 3rd FLOOR PLAN

ORIGINAL (1927)



Toit-jardin  
Deux chambres d'amis, chambres de domestique, débarras  
et la grande terrasse-jardin

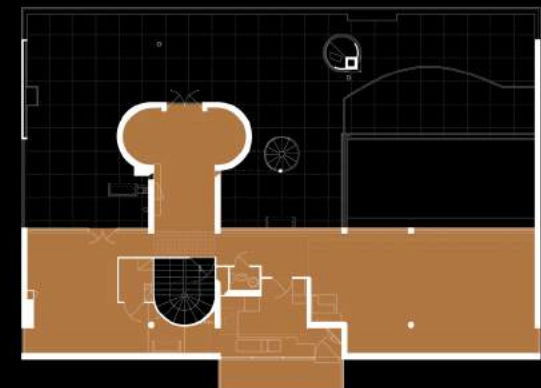
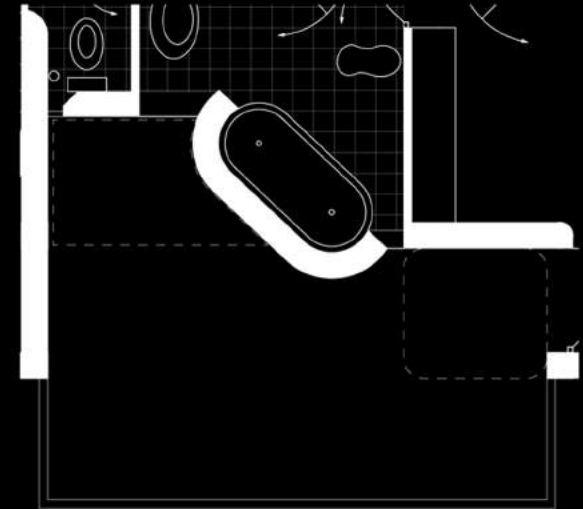
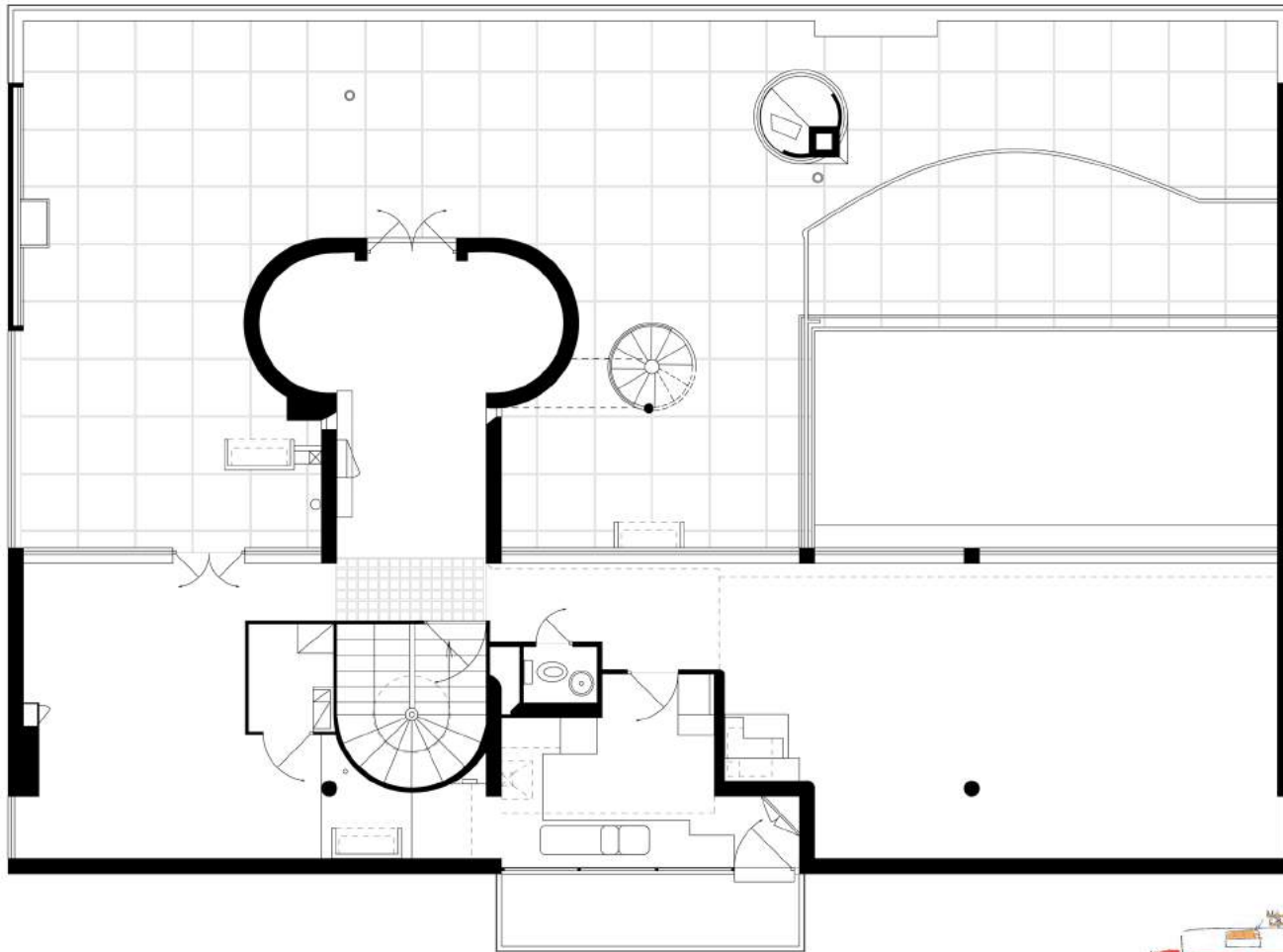




# 3rd FLOOR PLAN

EXISTING (2016)

ELEMENTS THAT ARE GONE



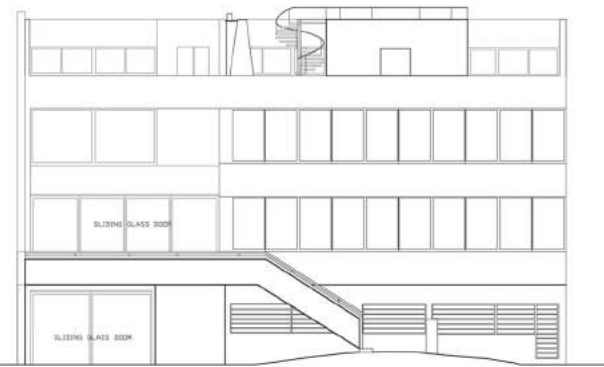
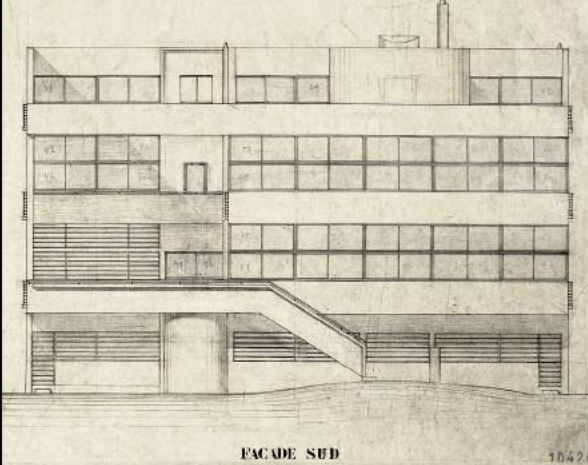
- Laurence Sayug
- Gilles LaFaurie, Chloe & Freedom
- Ms. Finley
- Francis & Pascale Gelb
- Rafael, Adeline, Kael Haddad
- Terrace



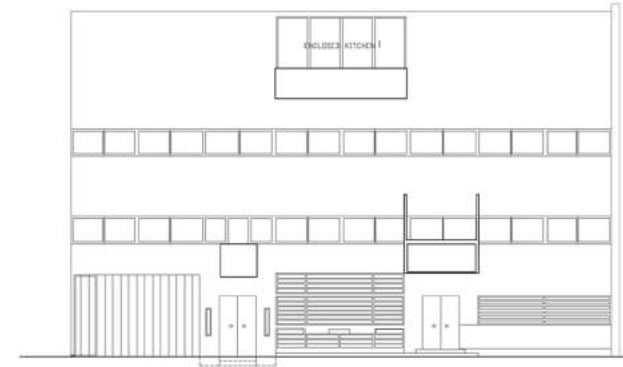
# ELEVATIONS

## EXISTING (2016)

ORIGINAL DRAWING BY LE CORBUSIER



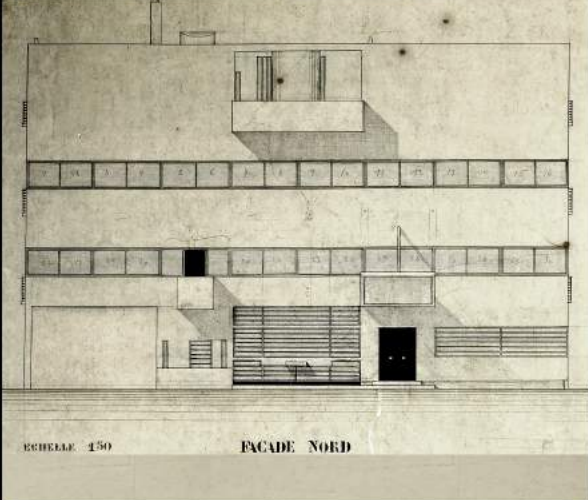
SOUTH ELEVATION



NORTH ELEVATION

## ORIGINAL (1927)

ORIGINAL DRAWING BY LE CORBUSIER



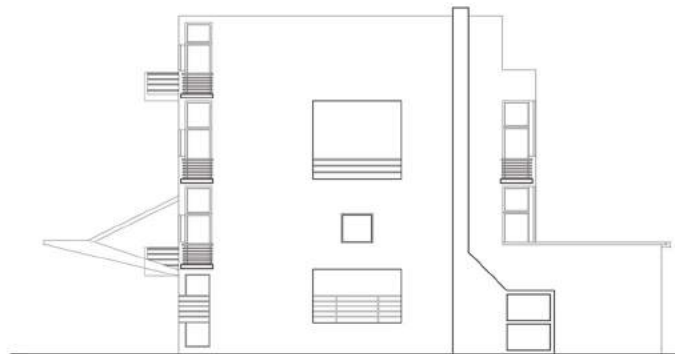
SOUTH ELEVATION



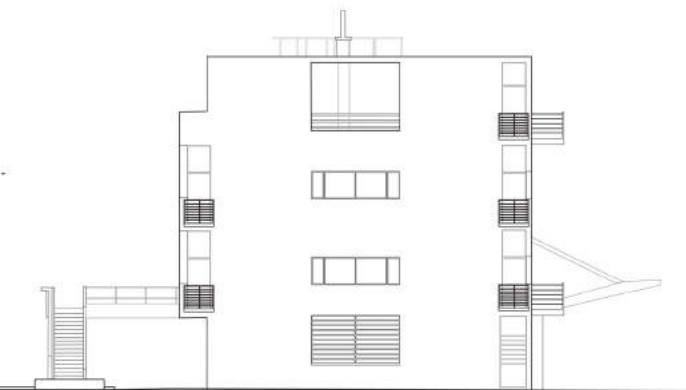
NORTH ELEVATION



EAST ELEVATION



WEST ELEVATION

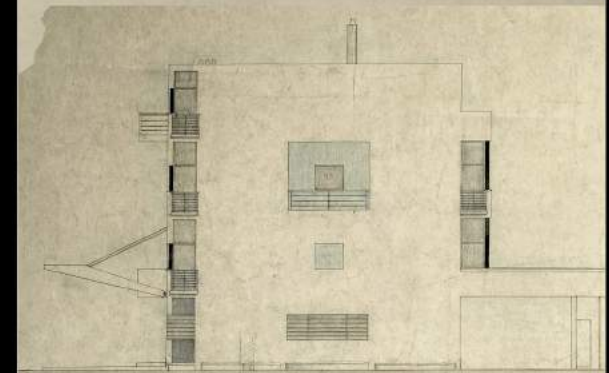


EAST ELEVATION



WEST ELEVATION

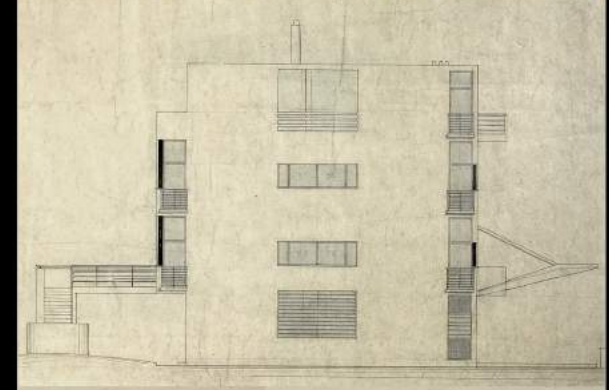
ORIGINAL DRAWING BY LE CORBUSIER



ETHELLE 1 00

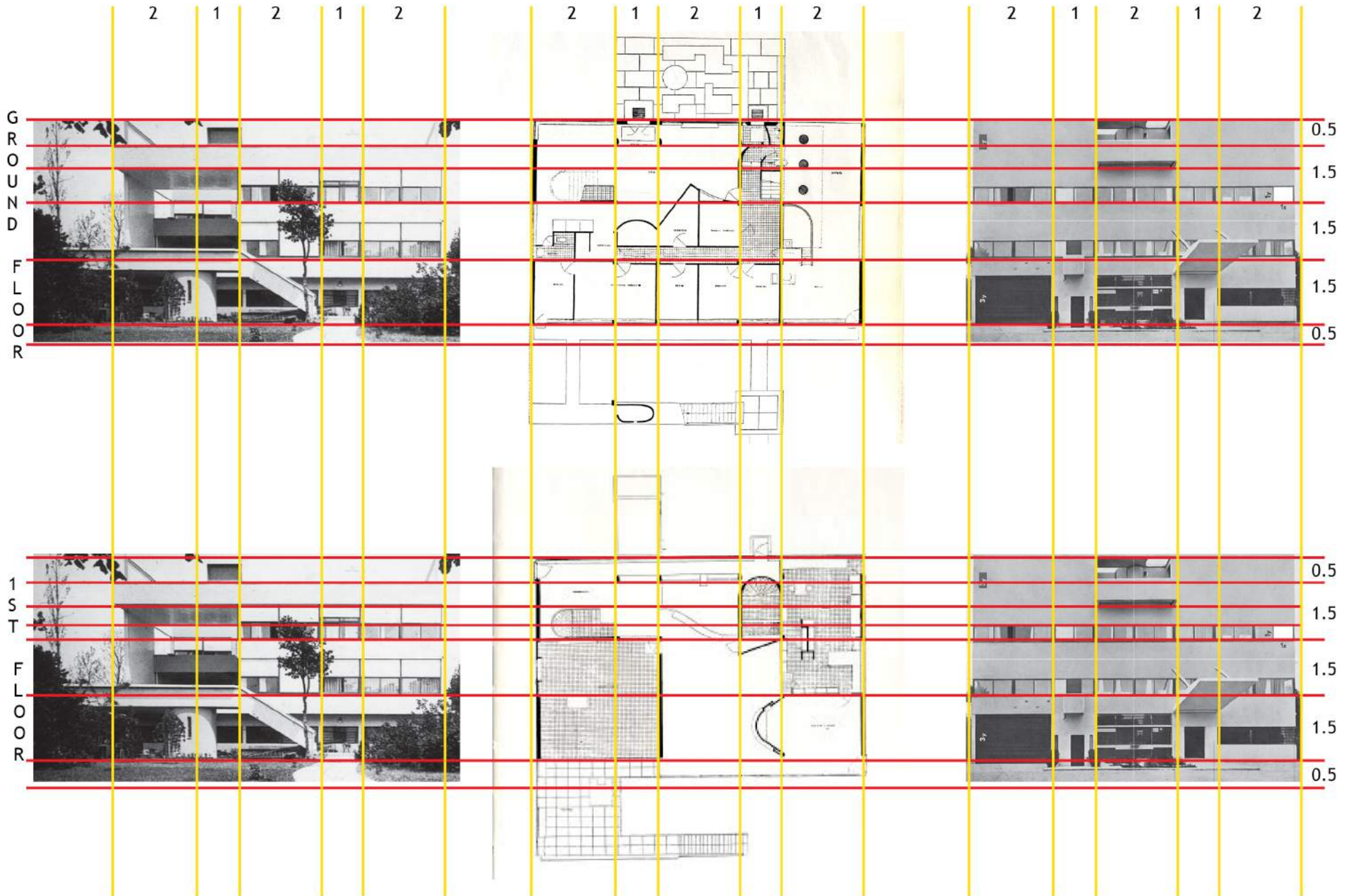
FAÇADE OUEST

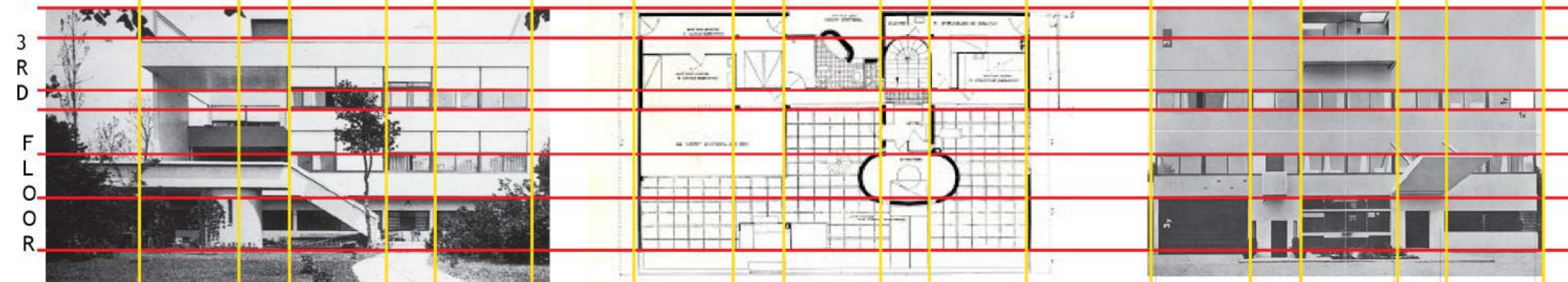
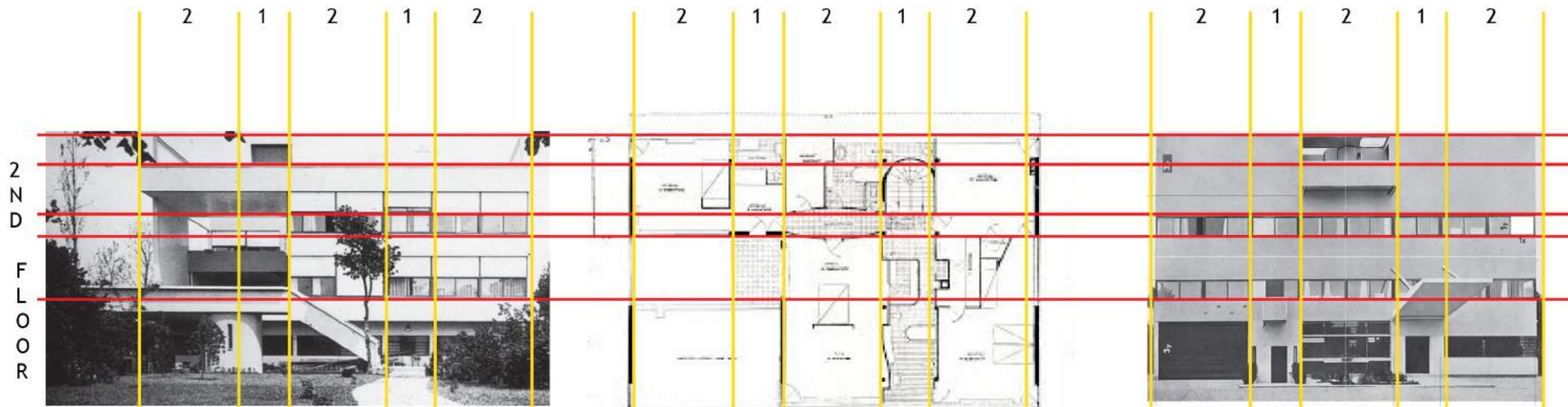
ORIGINAL DRAWING BY LE CORBUSIER





# FREE FACADE and FREE PLAN ZONING DIAGRAMS

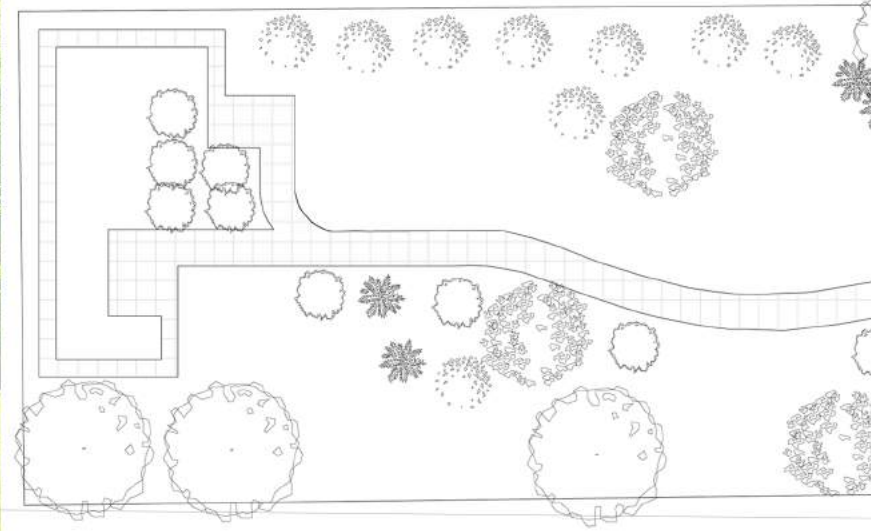




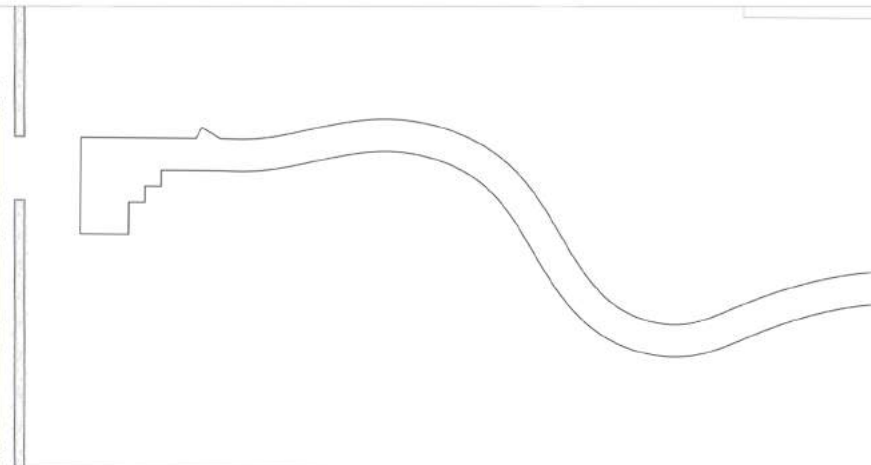


# SITE PLAN

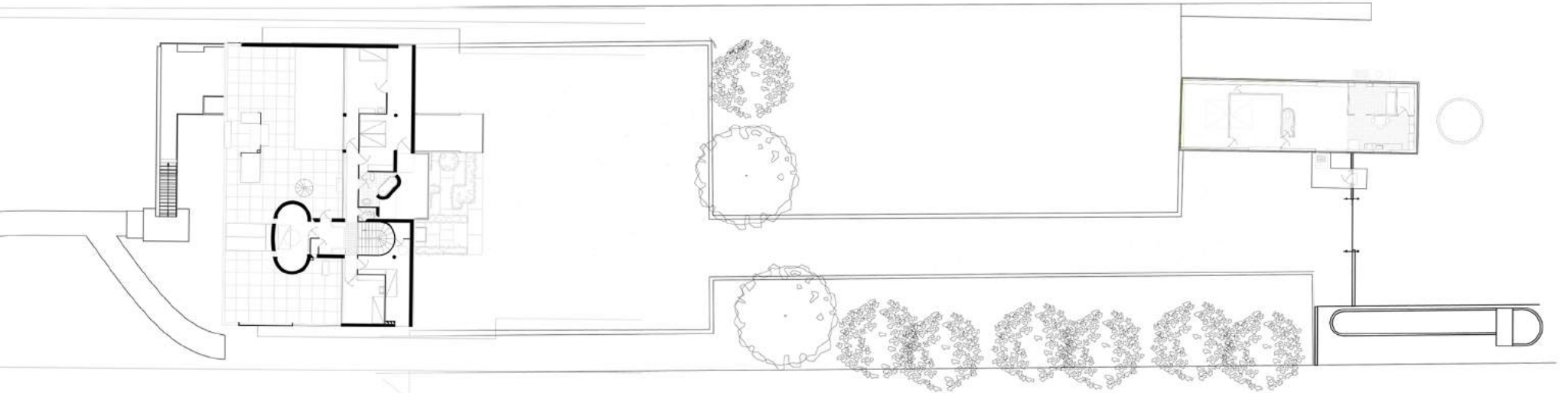
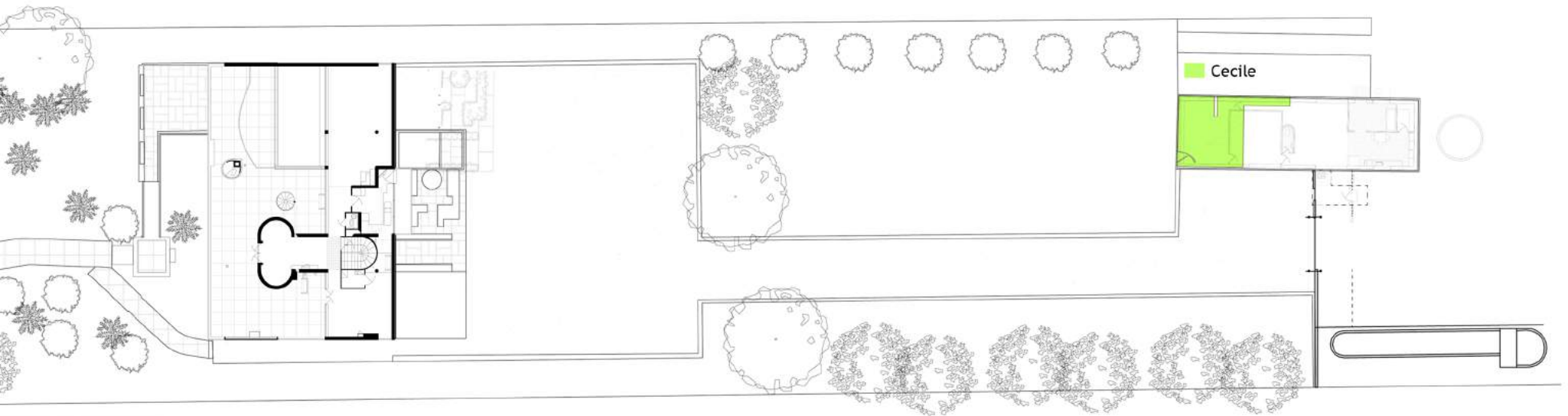
EXISTING (2016)



ORIGINAL (1927)

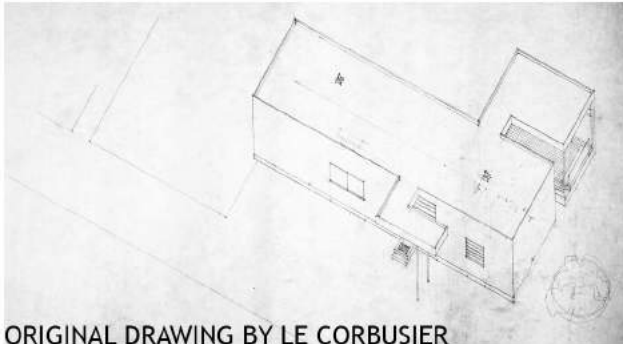
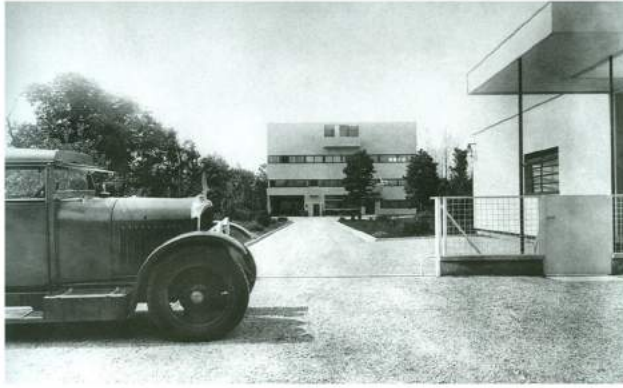






# PROPOSAL: RE-ESTABLISH THE L-CANOPY

ORIGINAL VIEW FROM THE ENTRANCE

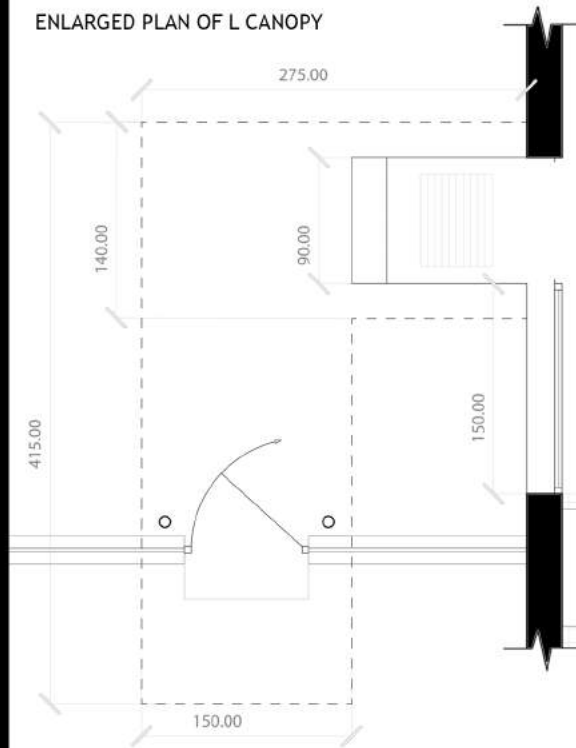


ORIGINAL DRAWING BY LE CORBUSIER

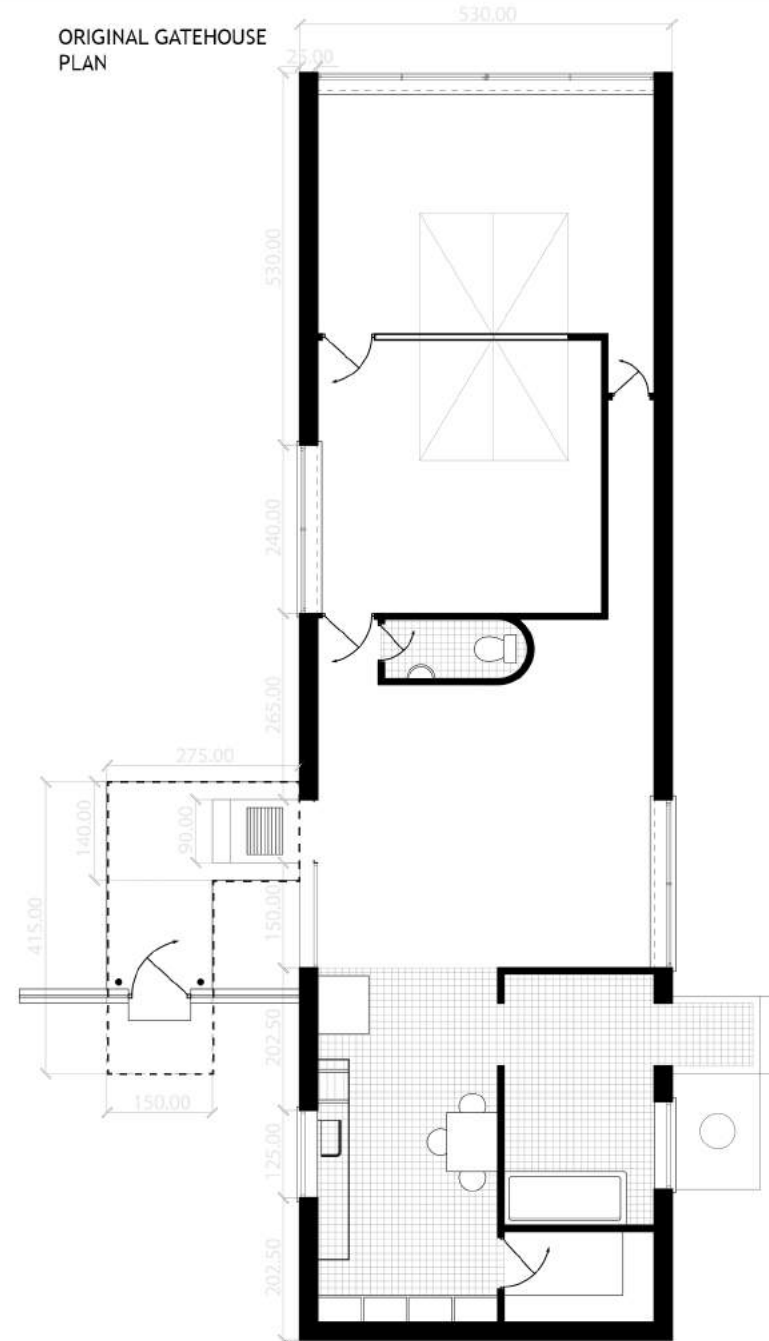
EXISTING CONDITION



ENLARGED PLAN OF L CANOPY



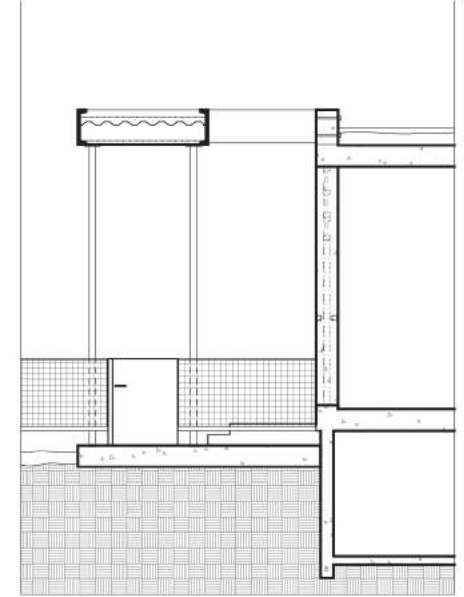
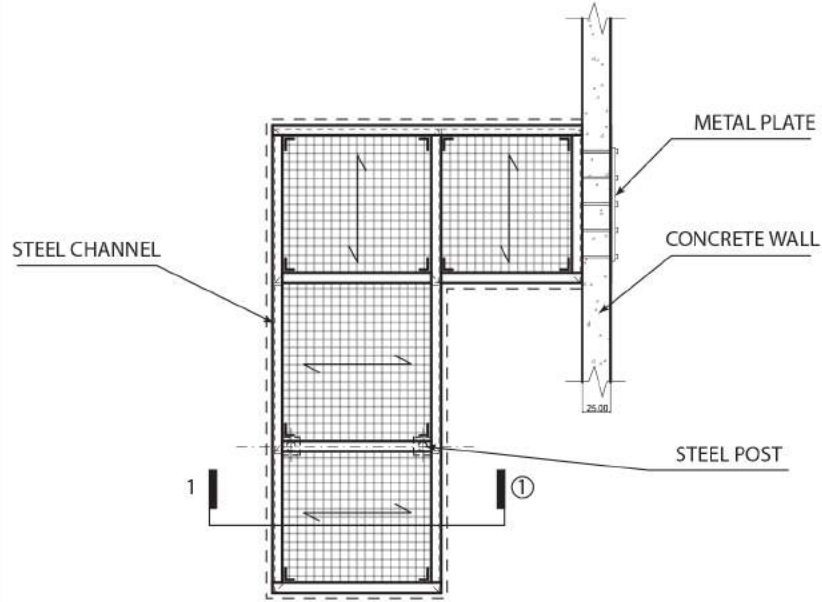
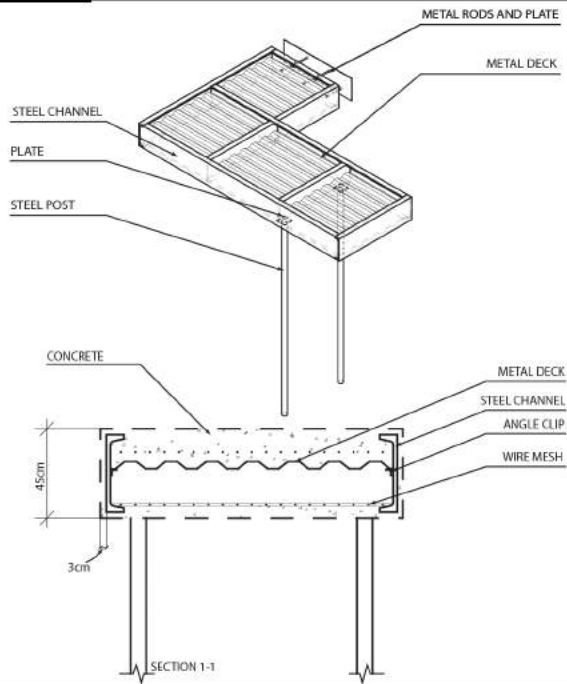
ORIGINAL GATEHOUSE PLAN



# L CANOPY SCHEME 1: STEEL CHANNEL FRAME AND CONCRETE ON METAL DECK

FUNDINGRAISING

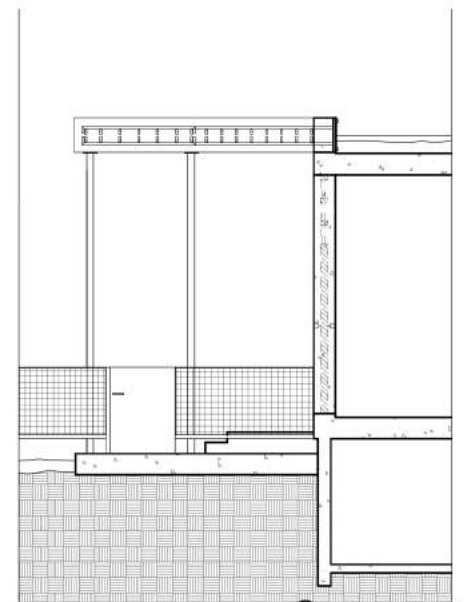
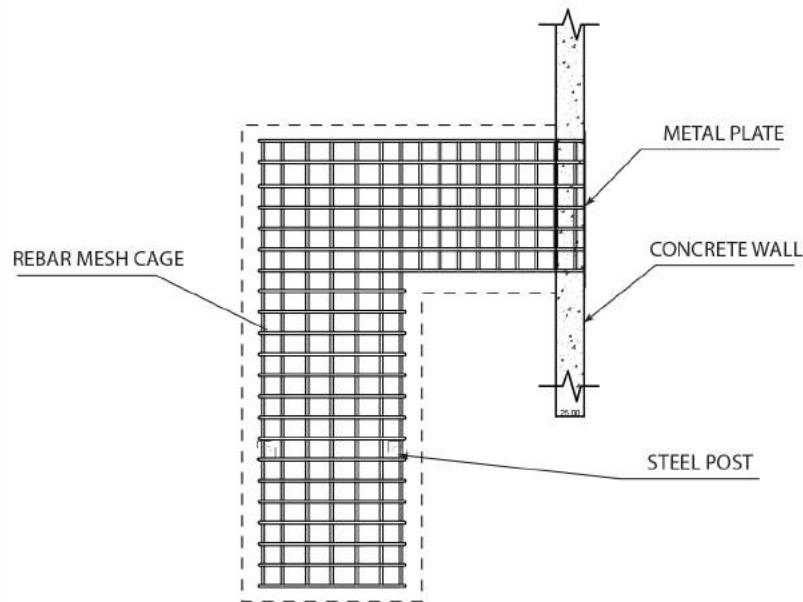
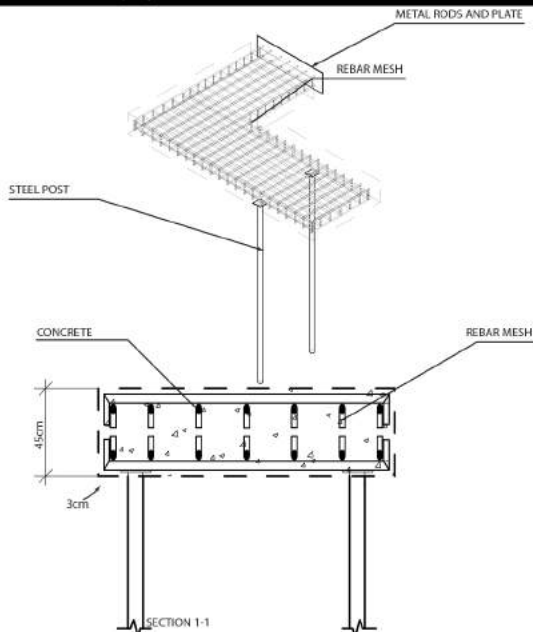
ESTIMATED COST: \$26,000



# L CANOPY SCHEME 2: REBAR WIREMESH CAGE INFILLED WITH CONCRETE

FUNDINGRAISING

ESTIMATED COST: \$24,000

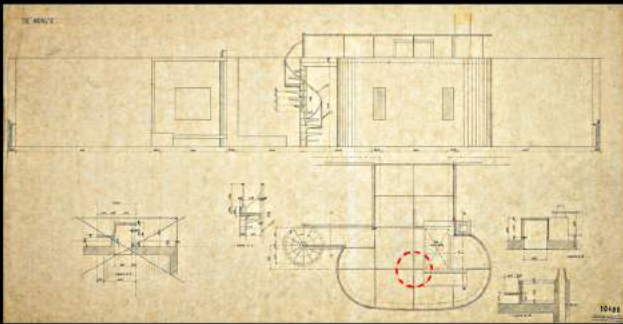
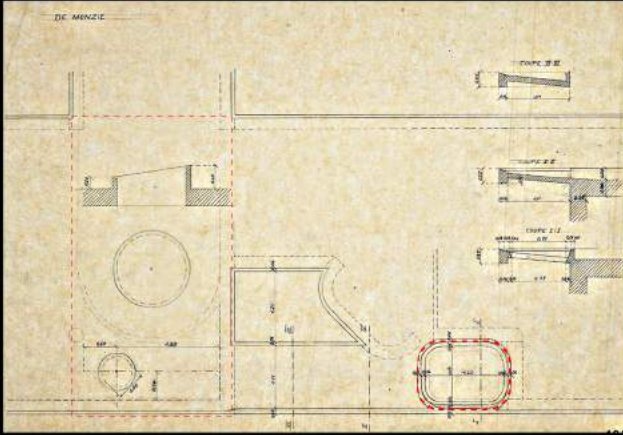




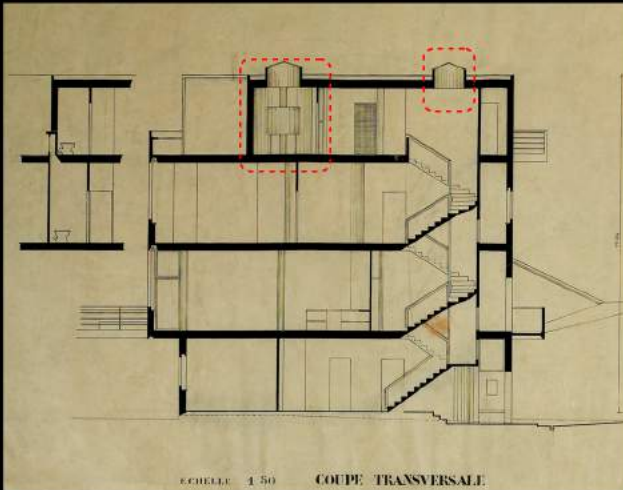
# SKYLIGHT STUDY

ORIGINAL DRAWINGS BY LE CORBUSIER

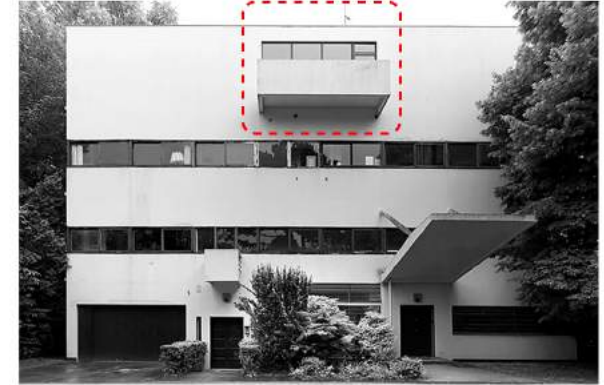
SKYLIGHT DETAIL DRAWING



SECTION THROUGH SKYLIGHT



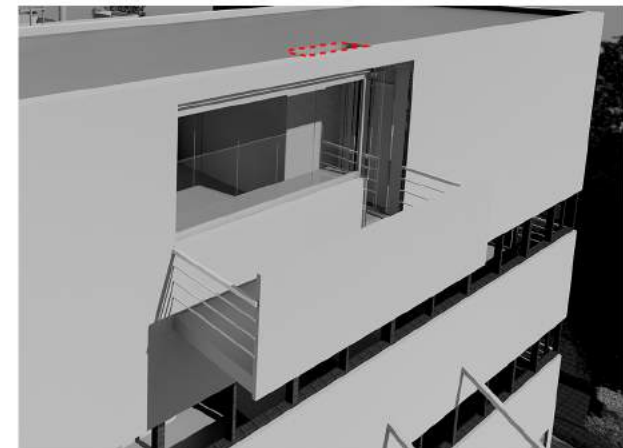
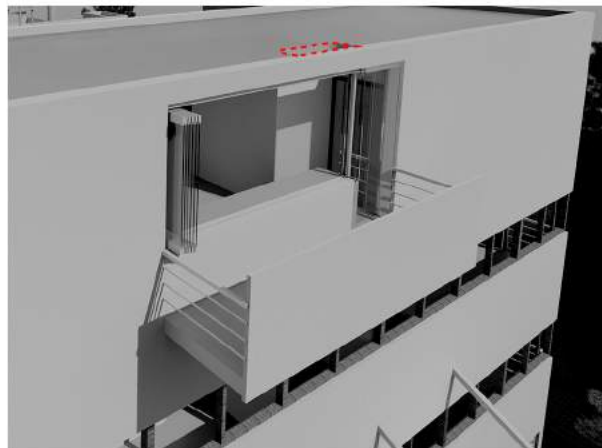
THE EXISTING CONDITION (RIGHT) HAS NOT ONLY CLOSED OFF THE OPENNING ON 3RD FLOOR BUT ALSO REMOVED THE SKYLIGHTS



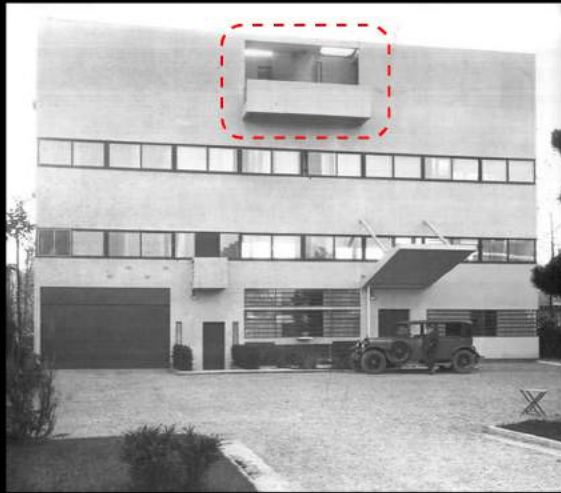
HOWEVER, TRACES OF THE ORIGINAL SYSTEM CAN STILL BE FOUND ON THE ROOFTOP



IF THE GLAZING SYSTEM CAN BECOME OPERABLE, WE CAN THEN START TO RE-INTRODUCE THE SKYLIGHT(S)



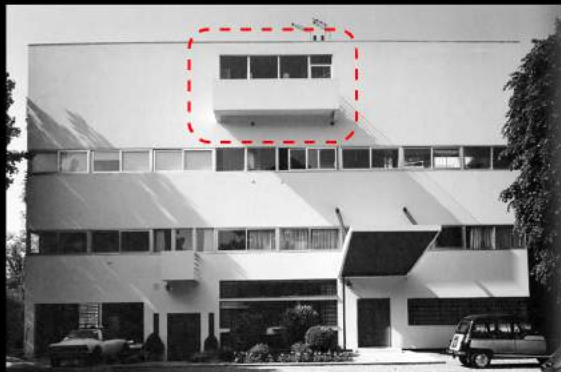
# PROPOSAL: RE-ESTABLISH OPEN BALCONY BY IMPLICATION



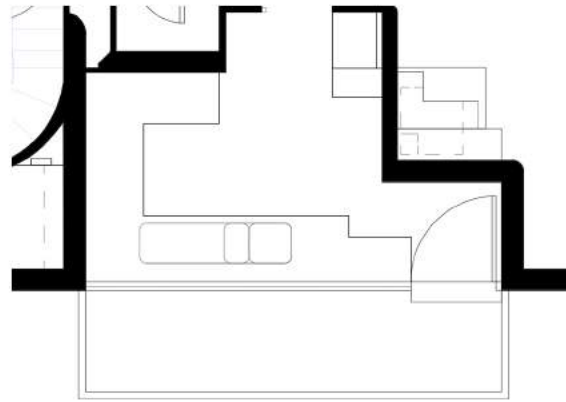
*(right and above)*  
ORIGINAL WINDOW  
system with  
HORIZONTAL MULLION



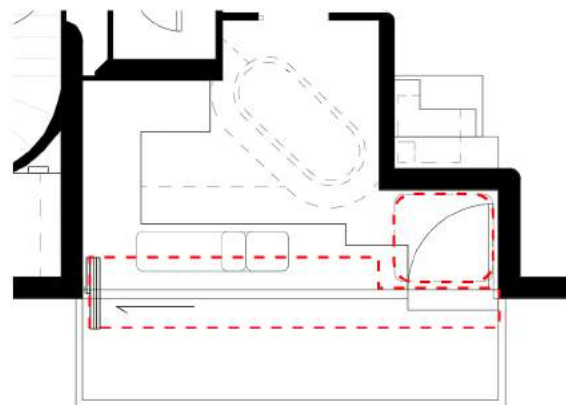
*(below)* CURRENT  
window system



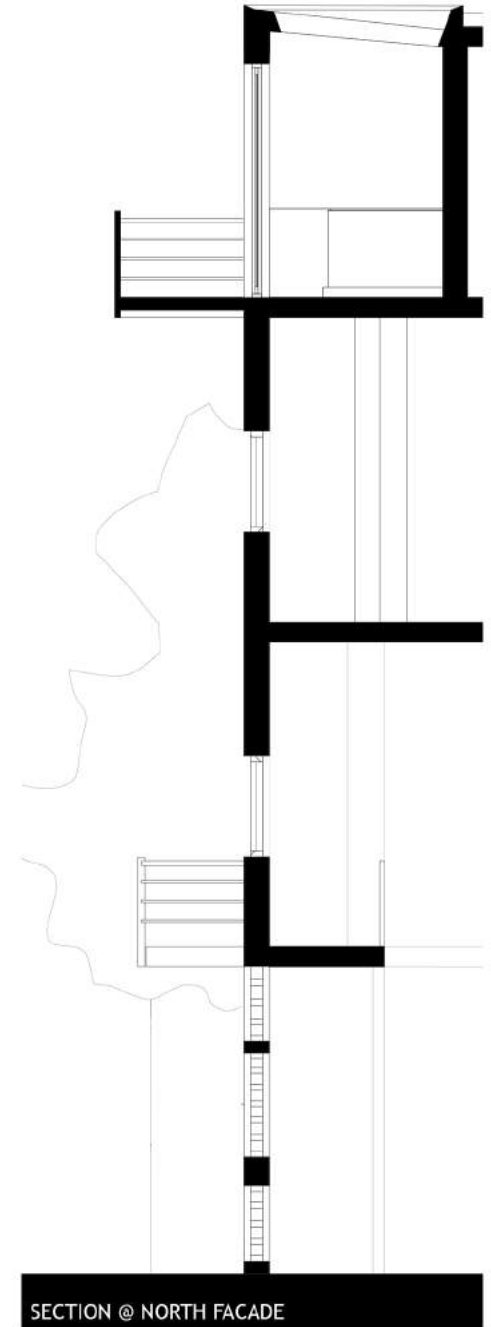
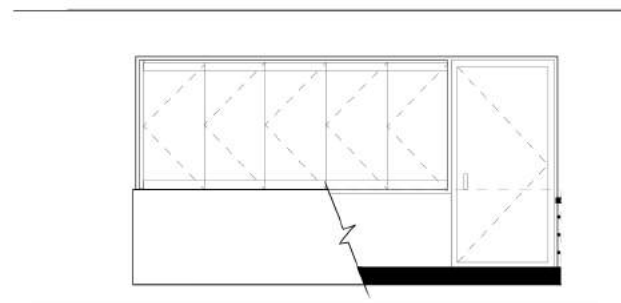
CURRENT FLOOR PLAN



PLAN @ PROPOSED DOOR SYSTEM



ELEVATION @ PROPOSED DOOR SYSTEM



SECTION @ NORTH FACADE



# ORIGINAL AND CURRENT GLAZING SYSTEMS



ORIGINAL WOOD FRAME (above and below)



CURRENT ALUMINUM FRAME

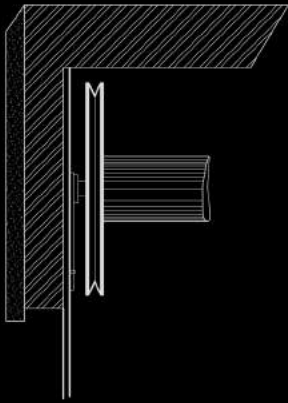
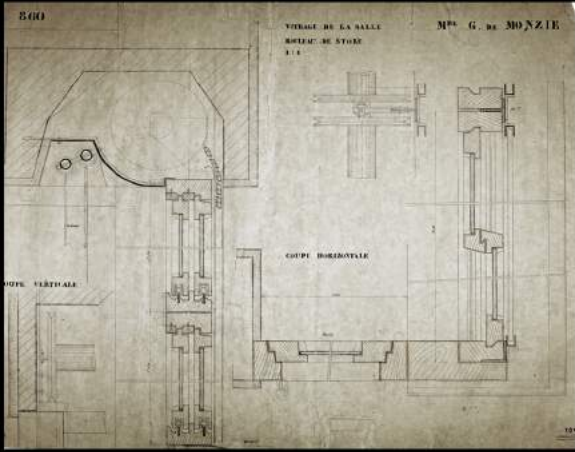


MODEL OF ORIGINAL WOOD FRAME

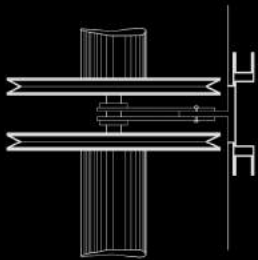




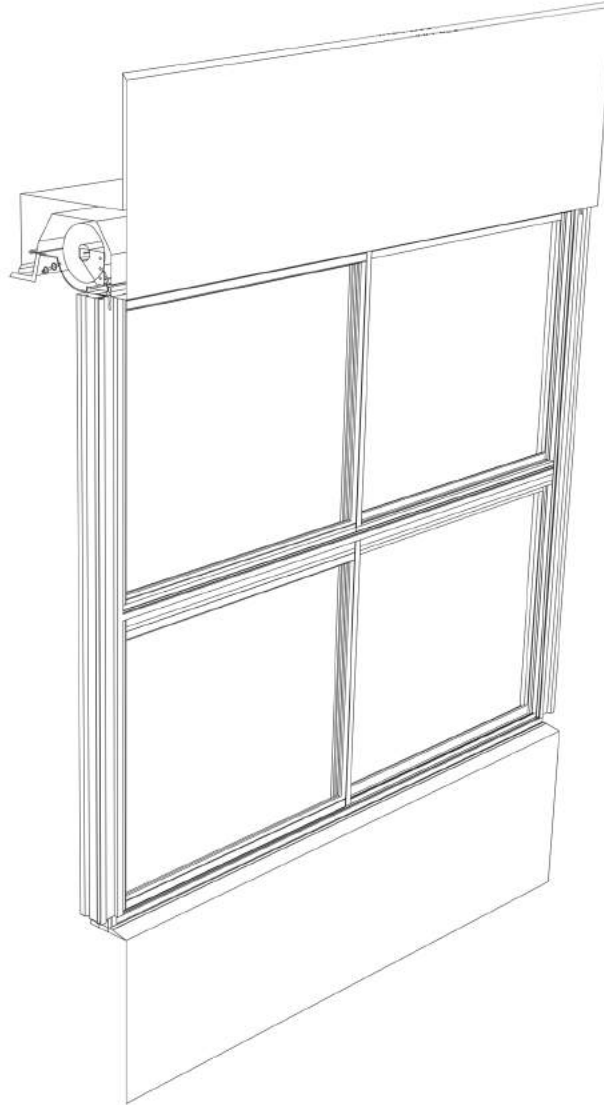
**PROPOSAL:  
RE-INTRODUCE THE WOOD FRAME  
WINDOW SYSTEM**



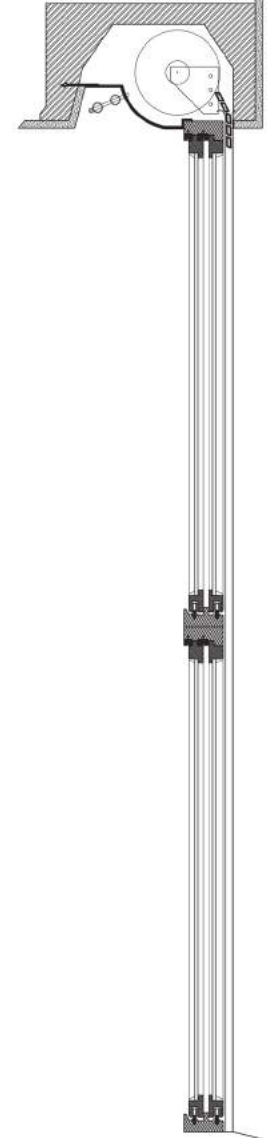
**VERTICAL ROLLER DETAIL**



**HORIZONTAL ROLLER DETAIL**



**VERTICAL SECTION**



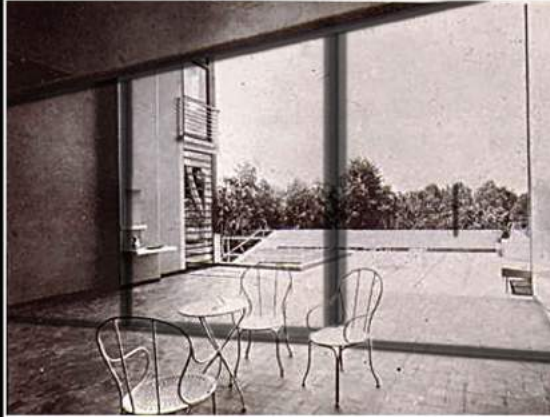
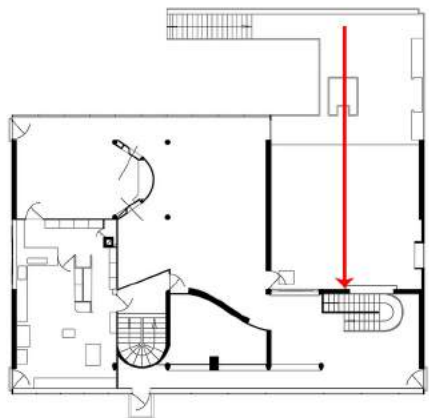
**HORIZONTAL SECTION**

# PROPOSAL: RE-ESTABLISH THE DEPTH OF THE GARDEN TERRACE BY IMPLICATION

EXISTING



ORIGINAL



EXISTING: SLIDING PARTITION



PROPOSED: PIVOT PARTITION



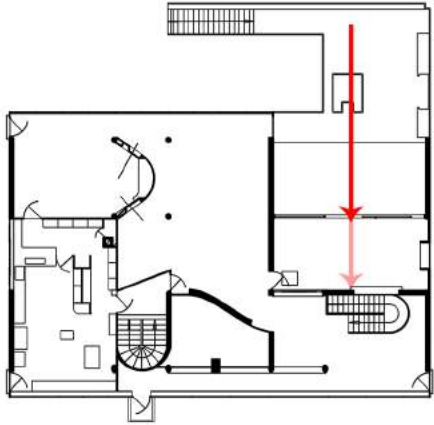
PROPOSED: FOLDING PARTITION



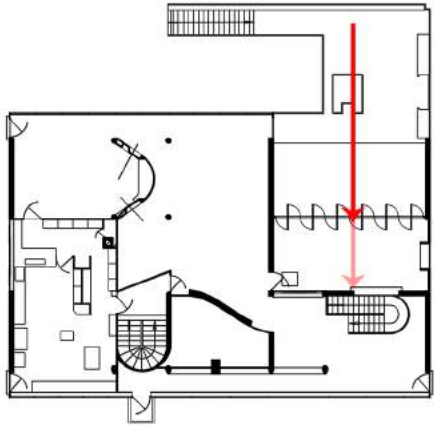


# GLAZING SYSTEM OPTIONS: SLIDING, PIVOT, FOLDING

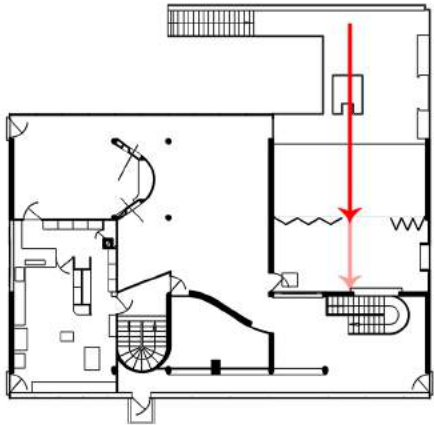
EXISTING: SLIDING PARTITION



PROPOSED: PIVOT PARTITION



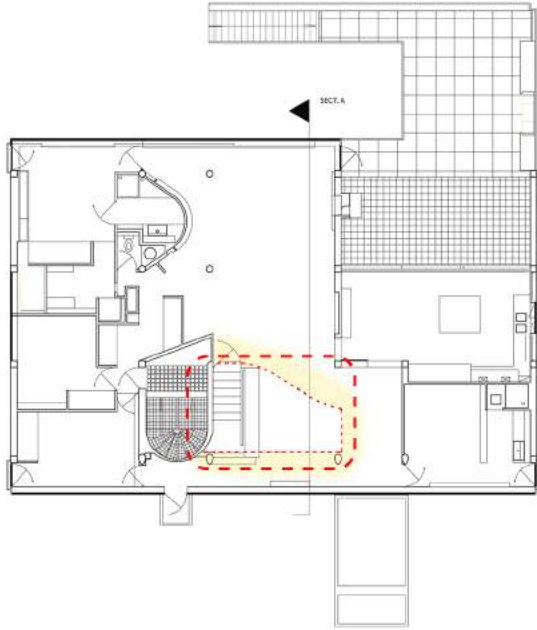
PROPOSED: FOLDING PARTITION





**PROPOSAL:**  
**RE-ESTABLISH THE LOCATION OF THE PIANO**  
**CURVE FIGURE**  
**BY IMPLICATION**

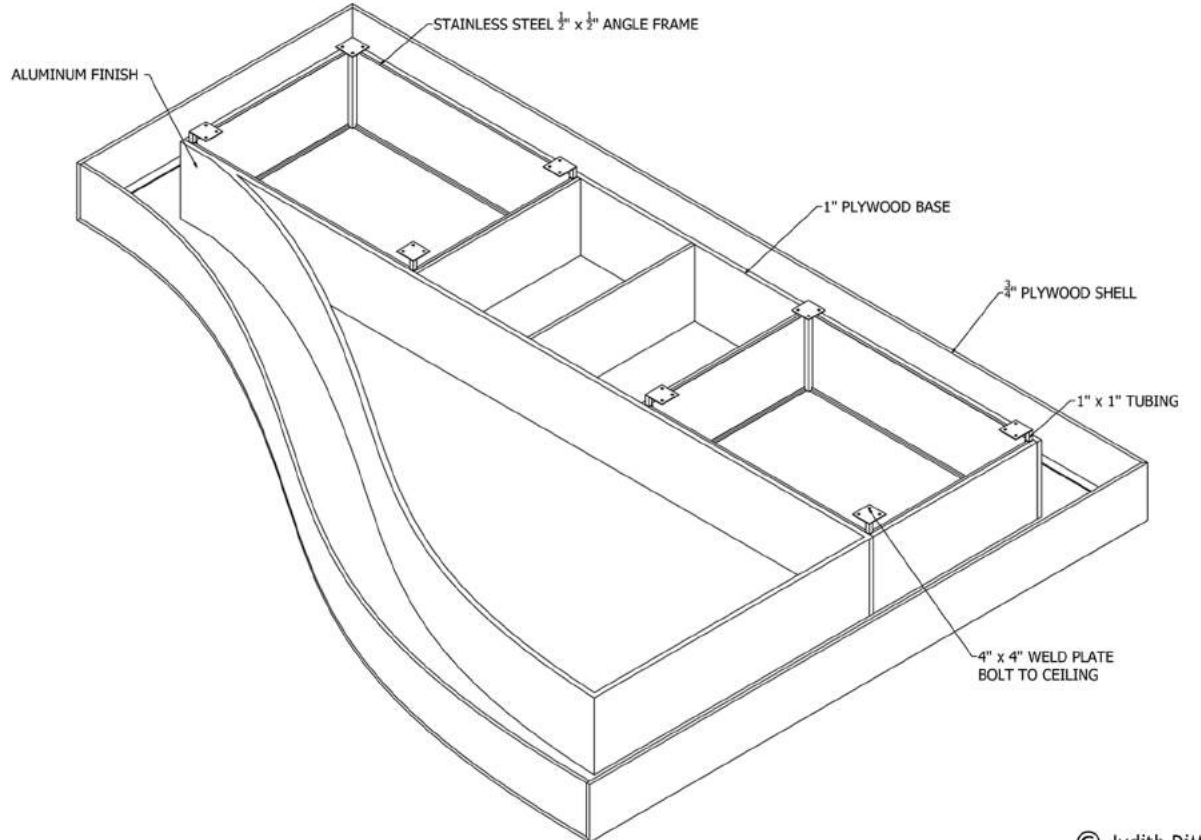
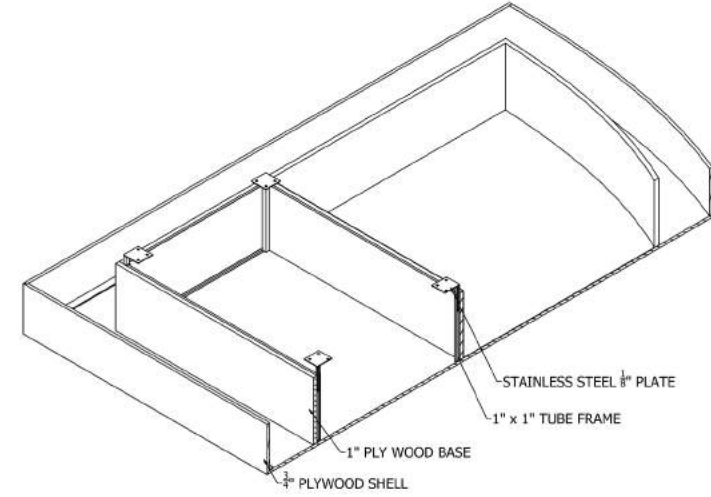
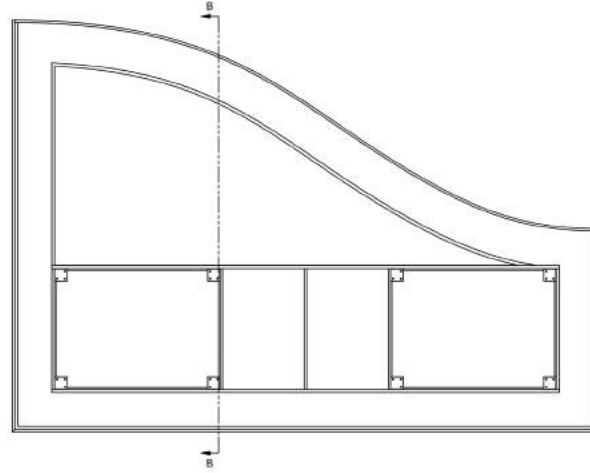
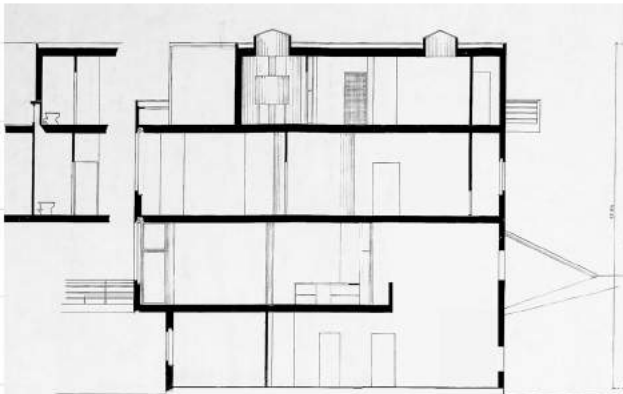
REFERENCES



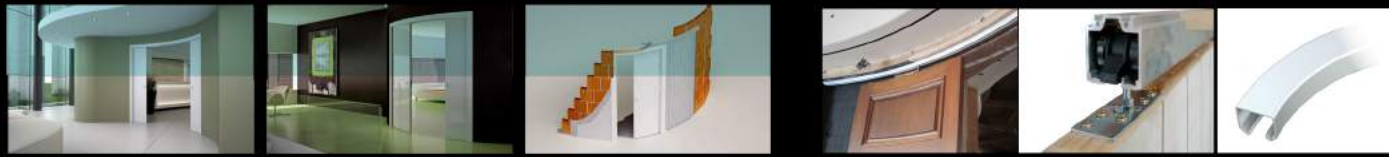
SECOND FL PLAN (EXISTING)



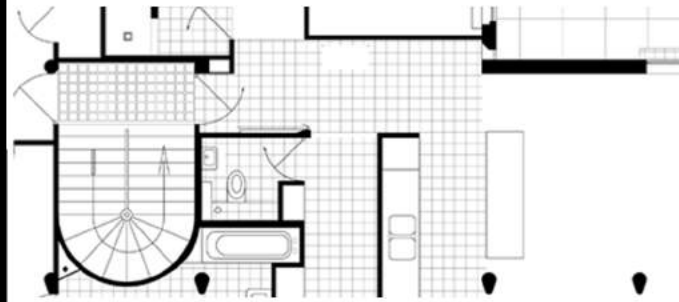
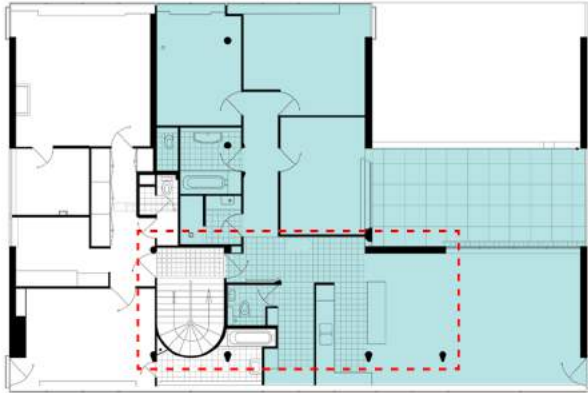
SECTION CUT A



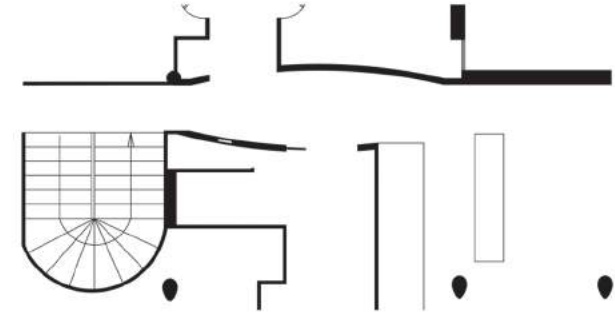
**PROPOSAL:**  
RE-INTRODUCE CURVED WALL on the 2nd floor



**FLOOR PLAN AS OF 2016**

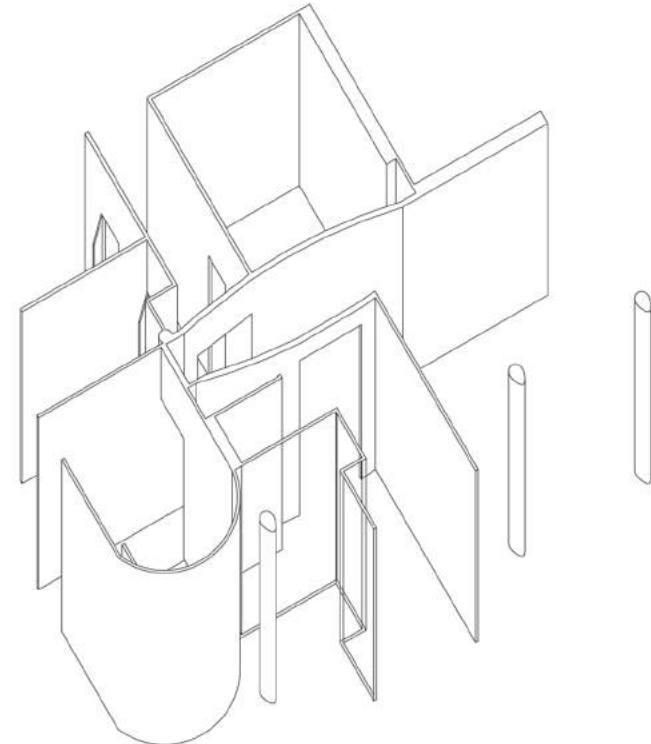
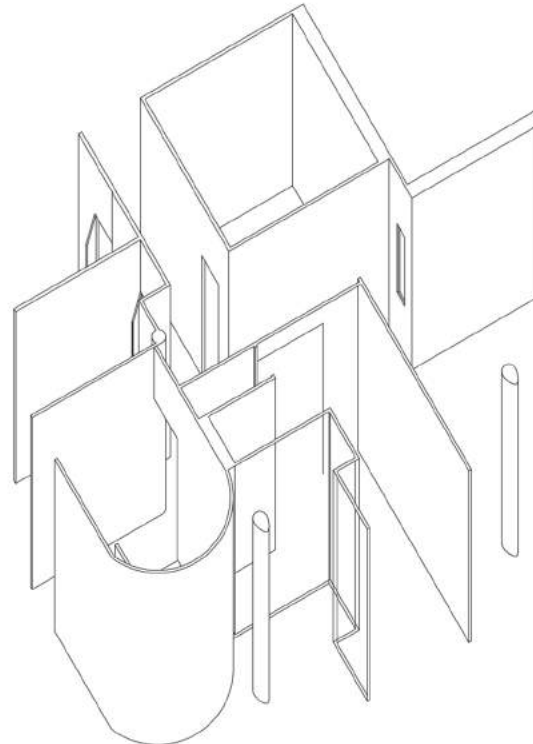
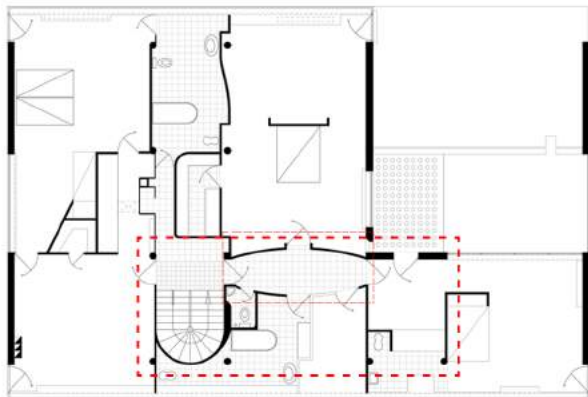


**EXISTING AS OF 2016**



**POCKET DOOR PROPOSAL**

**FLOOR PLAN AS OF 1927**





# SLAB

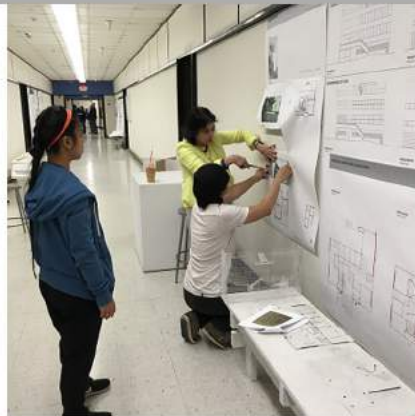
# ON THE JOB at THE VILLA



“...man (woman) is capable of great happiness when he (she) feels that he (she) is creating...  
- (Le Corbusier-Precisions)”



# SLAB SESSION AT NYIT CAMPUS, NEW YORK





# INTERACTIVE WORK SESSION with the homeowners at THE VILLA





# MORE INTERACTION WITH THE HOMEOWNERS at THE VILLA







Le Corbusier