PIDA premio internazionale ischia di architettura

isola d'Ischia 21-26 07 2014

V Workshop di progettazione PIDA
Premio Internazionale Ischia di Architettura
"Il design di interni delle strutture ricettive (la camera da letto di Luchino Visconti)" nel Comune di Forio

diretto da: Michela e Paolo Baldessari

tutor: Vincenzo Tenore

Evanna Oliva
Carmela Trani
Carla Morone
Claudio Pulicati
Mariacarla Panariello

proponenti:

associazione PIDA | premio internazionale ischia di architettura

in collaborazione con:

Ordine degli Architetti P.P.C. di Napoli e Provincia

DiARC Dipartimento di Architettura

con il patrocinio:

Comune di Forio

Fondazione La Colombaia di Luchino Visconti

media partner:

Il Giornale dell'Architettura

THE PLAN Architecture & Technologies in detail

[compasses] architecture & design

Agenda Tecnica professioni, impresa, territorio

Ottagono

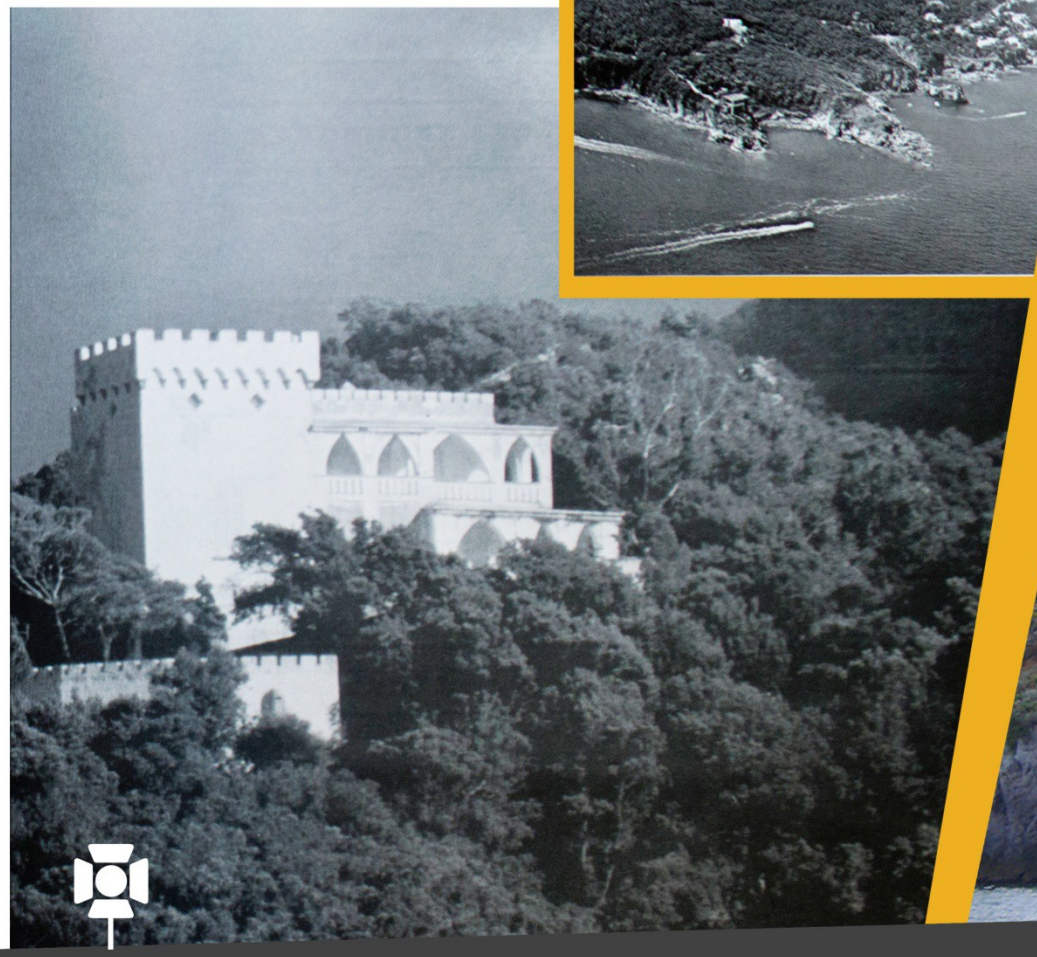
AnalistGroup

Associazione PIDA: via solitaria 2 (studio De Palma) 80077 Ischia (NA) cod fisc: 91010780632 www.pida.it - info@pida.it

Costruita da Luigi Patalano verso la finde dell’800, per motivi legati alla guerra, nel 1938, fu venduta al barone Frassini

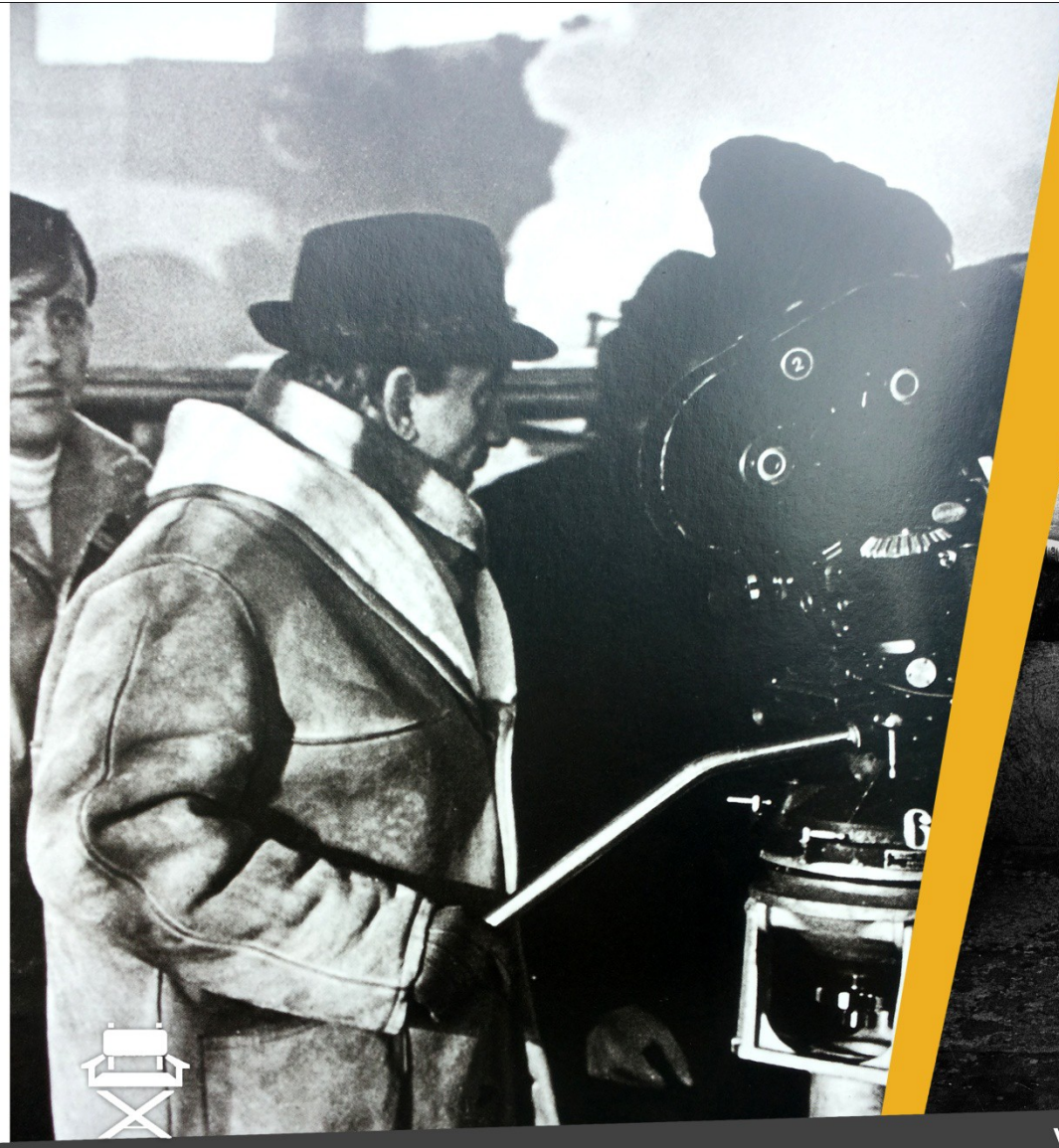
" Bianco maniero sovrastante l'azzurro mare profondo, abbarbicato alle rocce vulcaniche, immerso nel verde cupo di una vegetazione rigogliosa, in una solitudine lungi dal rumor degli uomini "

Luigi Patalano



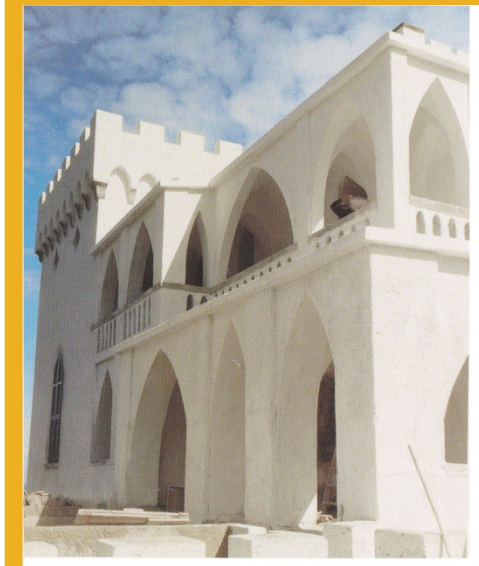
SCENARIO

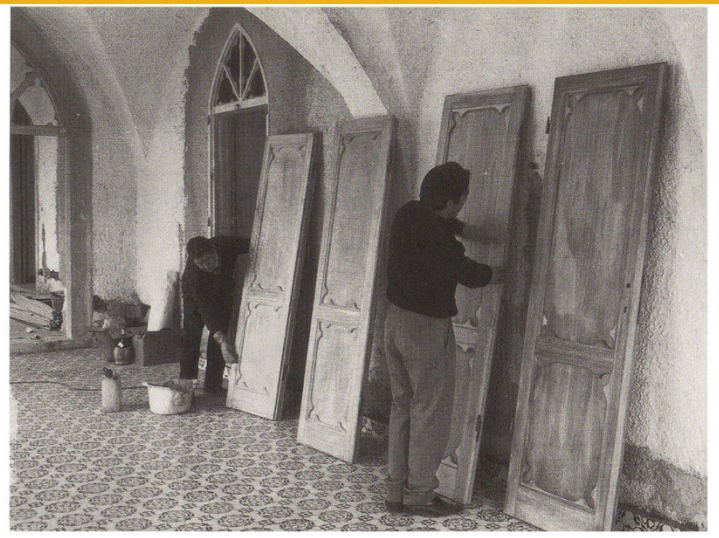
Promontorio di Zaro, estremità nordoccidentale dell'Isola d'Ischia, formato da una colata lavica ricoperta da fitta vegetazione a macchia mediterrana

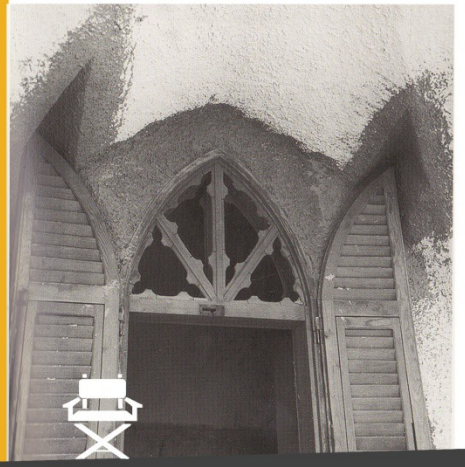


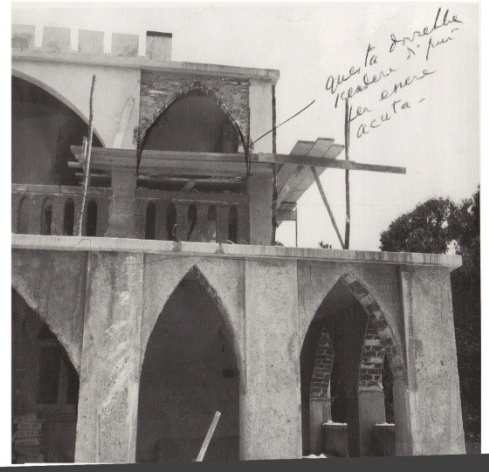
LUCHINO VISCONTI

Verso la fine degli anni ‘50 Luchino Visconti ricerca una casa sull’isola: la Colombaia era la proiezione delle sue aspirazioni e dopo mille insistenze persuase il barone Fassini a vendergliela



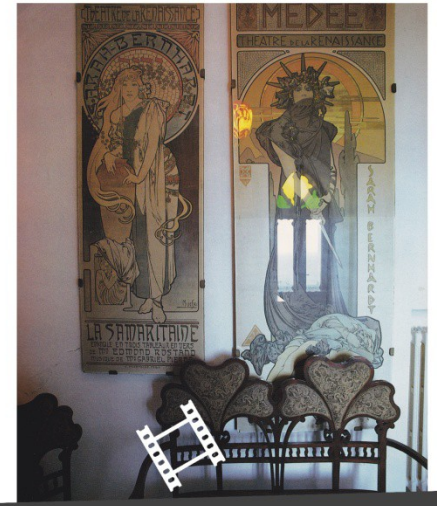


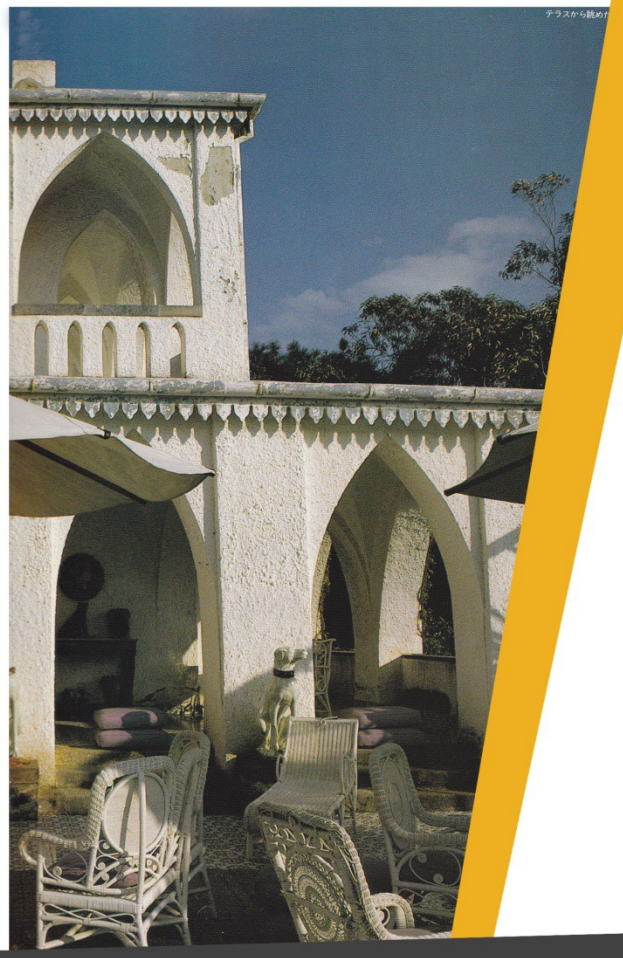




RISTRUTTURAZIONE

I lavori di ristrutturazione e di personalizzazione continuano fino al momento della sua morte nel 1976





DECADENZA

Dopo un periodo di decadenza che, negli anni ‘90, culmina in una lunga e controversa procedura di acquisizione al patrimonio pubblico. A lungo incustodita nel periodo di ‘interregno’, diventa mèta di vandali e saccheggiatori

RESTAURO

Il Comune di Forio inizia dal 1998, in seguito all'acquisizione, i lavori di recupero e adeguamento, per destinarla alla Scuola Internazionale di Cinema e Teatro. Dal 2004 ospita un museo permanente dedicato alla vita e alle opere del maestro

RECUPERO

Recentemente sono stati riproposti frammenti di vetri e maioliche, rinvenuti nella villa, con la realizzazione del bancone del bar

COMUNE DI FORIO

PROVINCIA DI NAPOLI

PIANO REGOLATORE GENERALE

legenda

PIANO TERRITORIALE PAESISTICO

P.I.: protezione integrale

P.I.R.: protezione integrale con restauro paesistico-ambientale

R.U.A.: recupero urbanistico-edilizio e restauro paesistico-ambientale

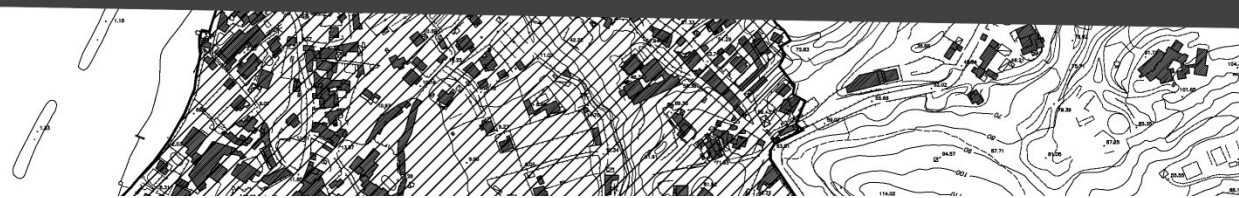
VINCOLO ARCHEOLOGICO

VINCOLO STORICO (L. 1089/39)

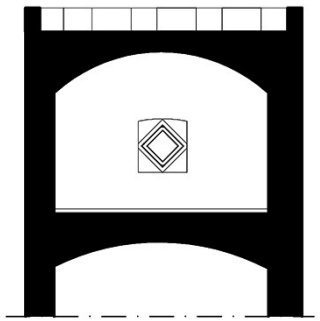
confine comunale

NORMATIVA

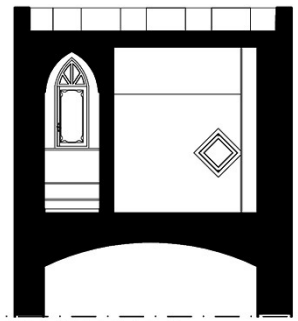
TAV. 3.1. : vincoli ambientali e culturali - ZONA A PROTEZIONE INTEGRA
TAV. 5.1. : ZONA F - AREA PER SERVIZI E ATTREZZATURE PUBBLICHE E DI USO PUBBLICO



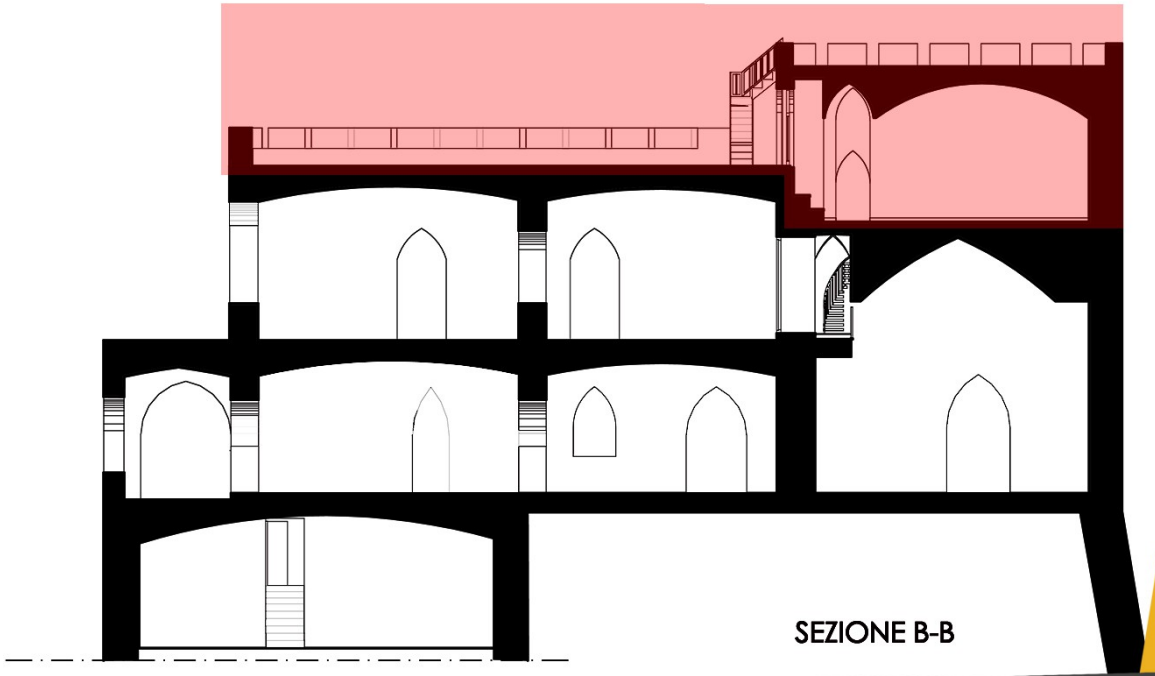
ICONOGRAFIA



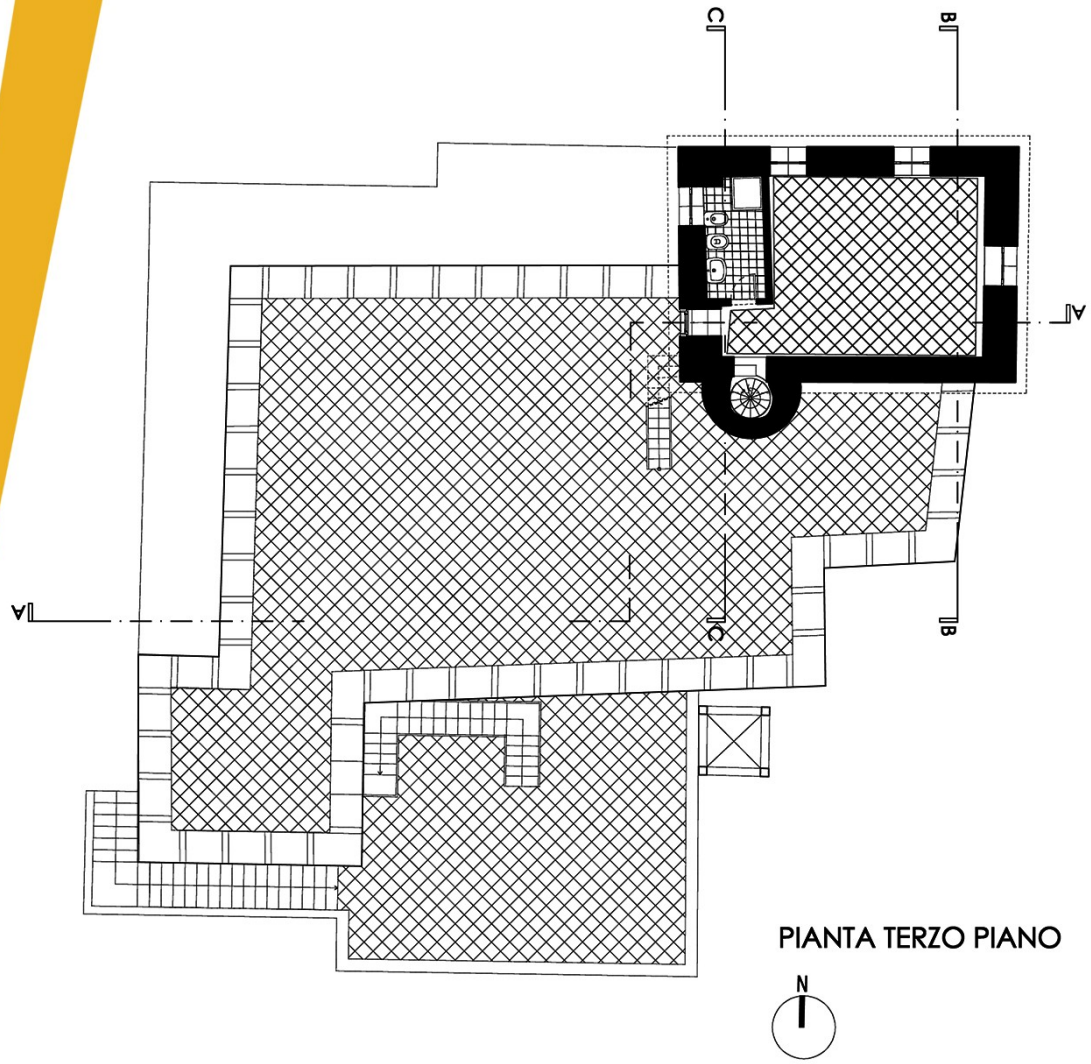
SEZIONE C-C



SEZIONE BB



SEZIONE B-B

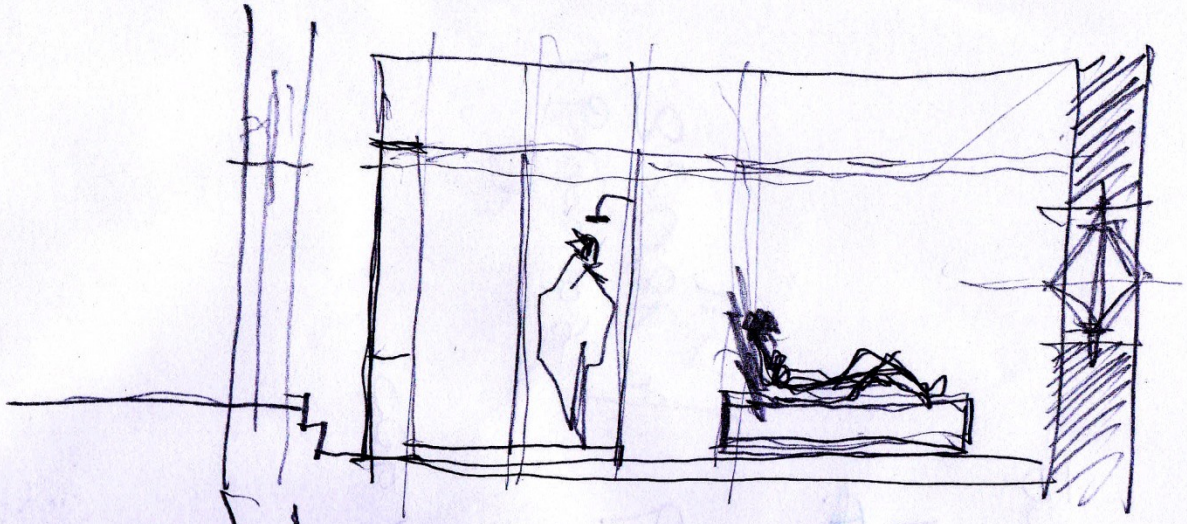


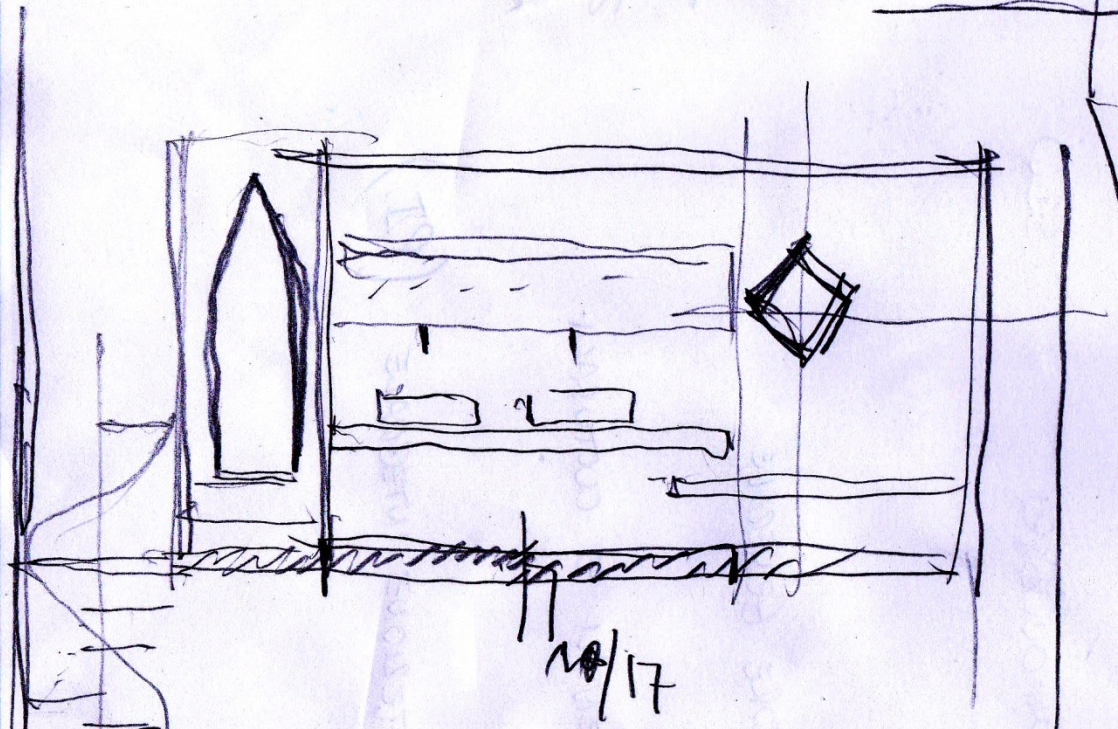
PIANTA TERZO PIANO

N

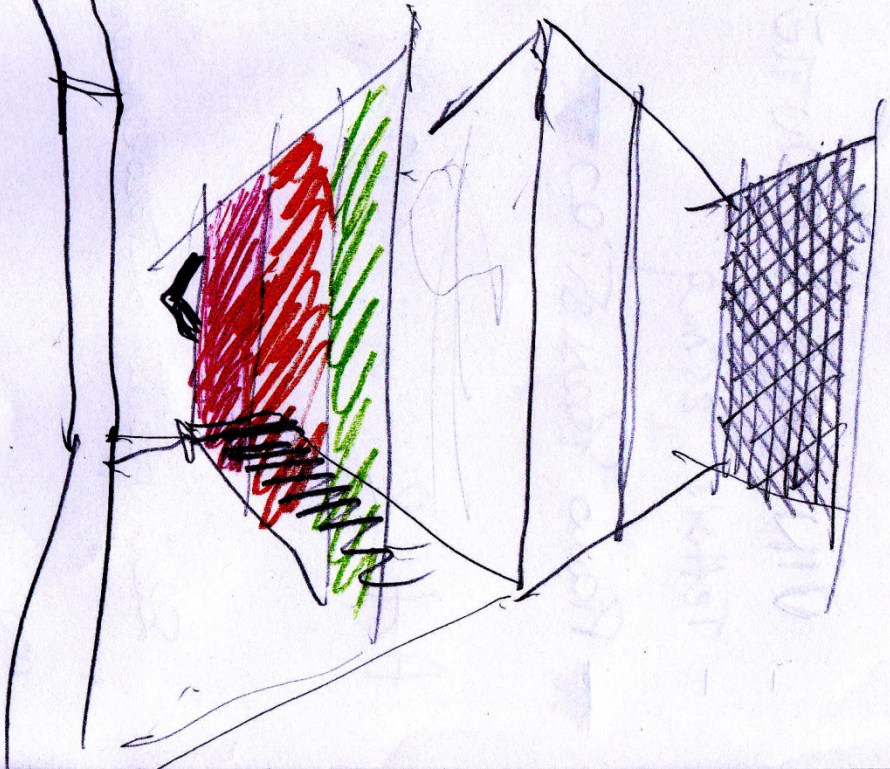
RIDISEGNO

PSW 10379233

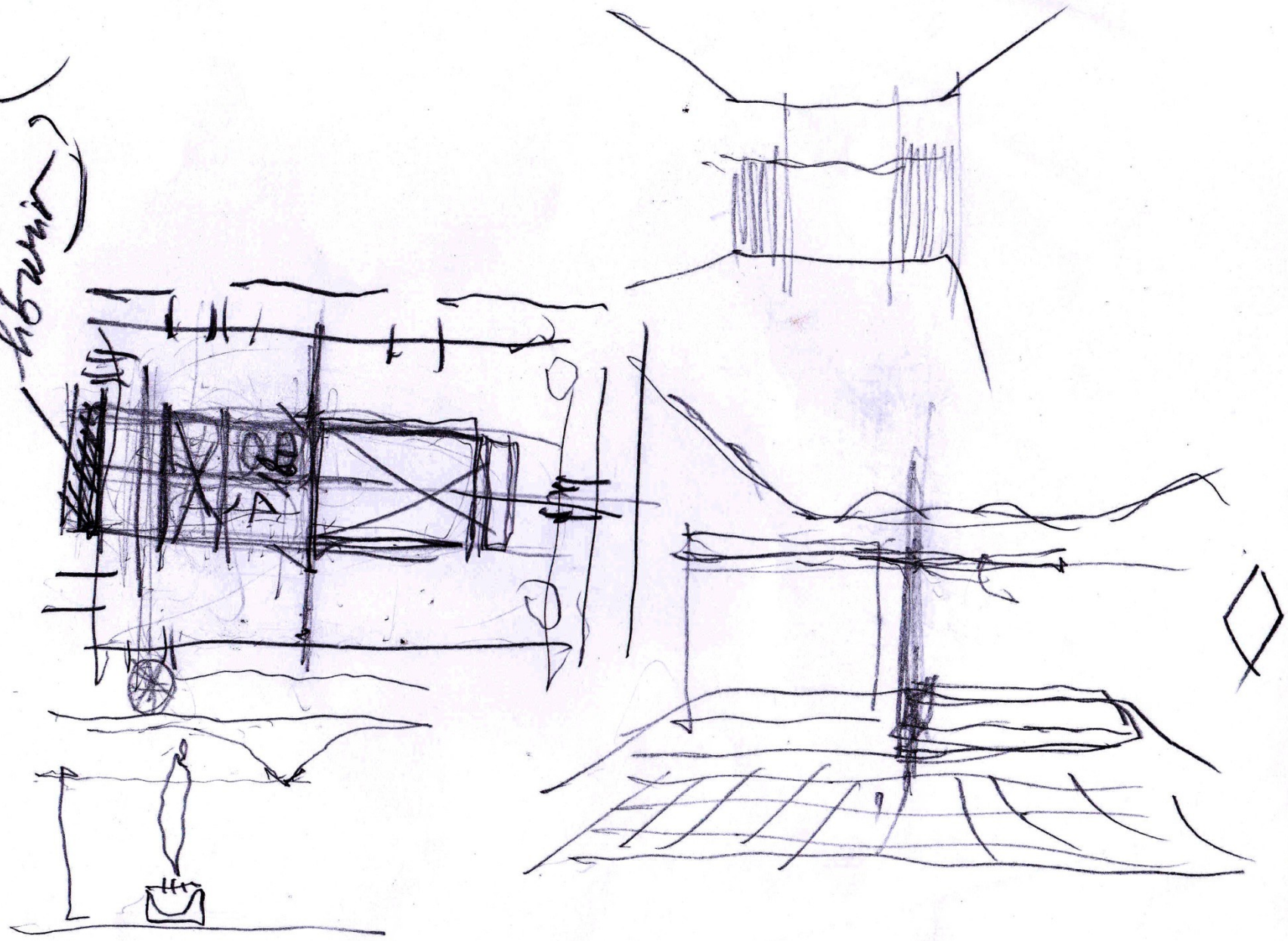


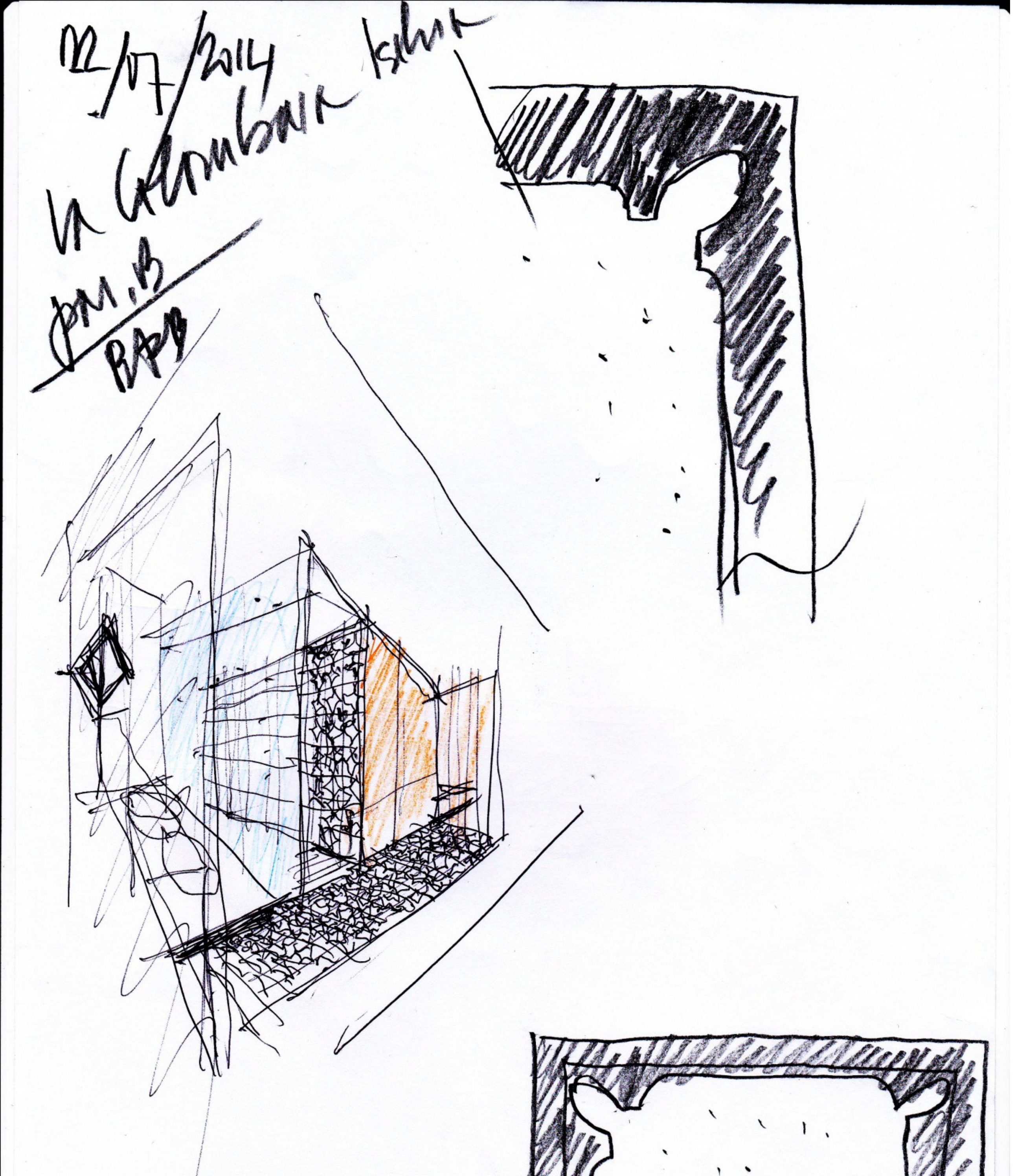


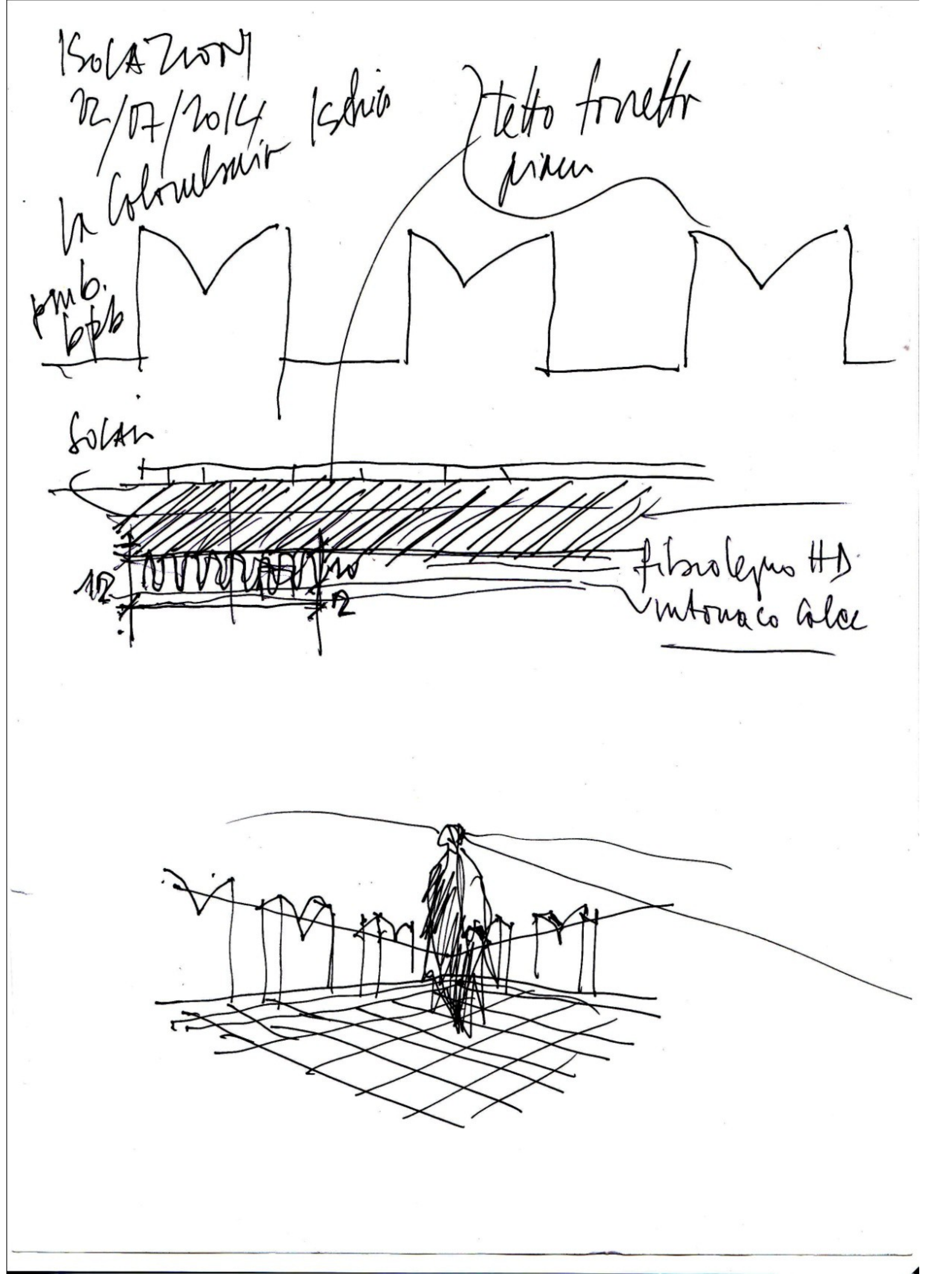
10/17

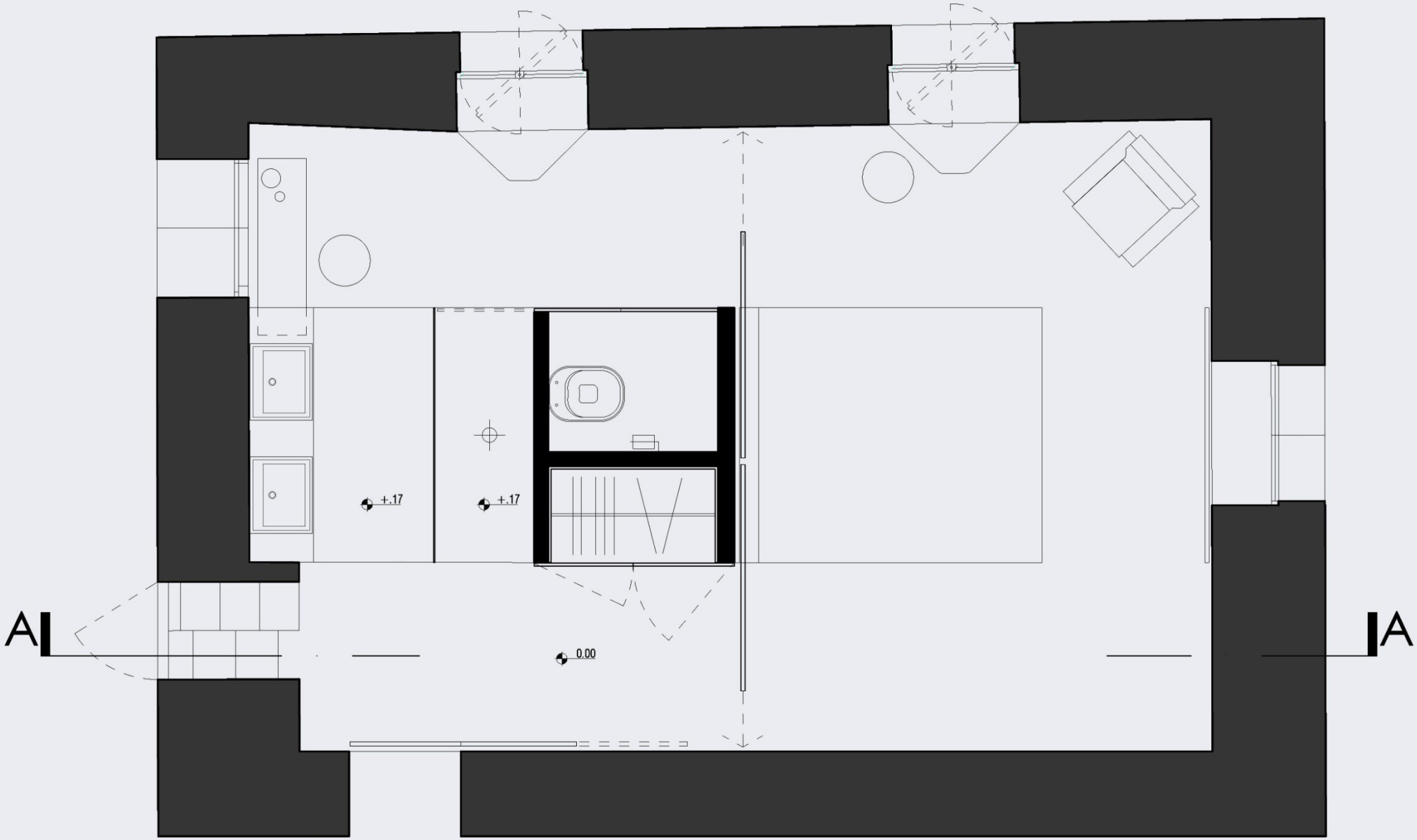


21/07/2014




12/07/2014 La Colombaia Ischia


ISOLAZIONI
12/07/2014 La Colombaia Ischia
SOLAI
fibrolegno HD
intonaco calce
12
10
2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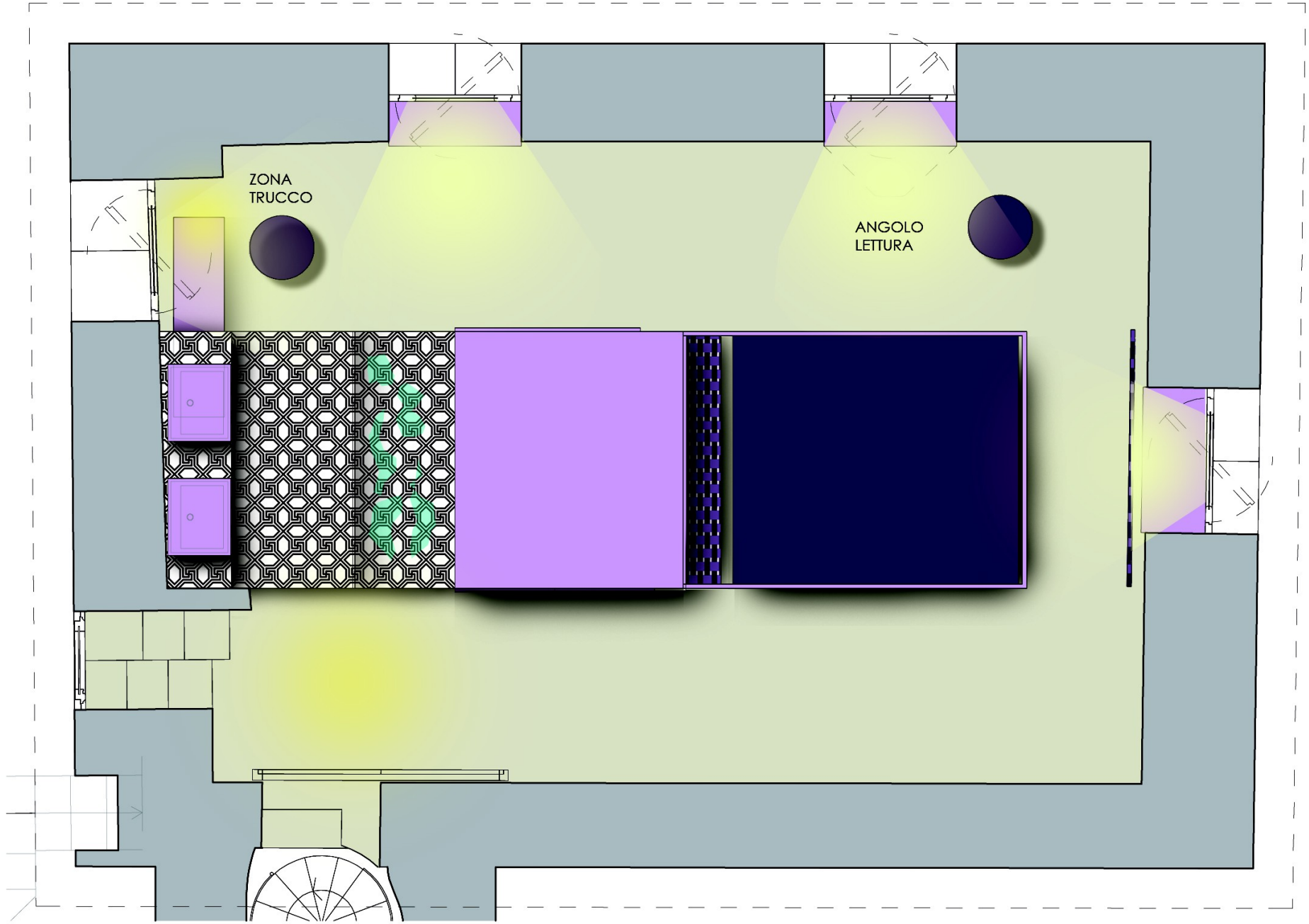
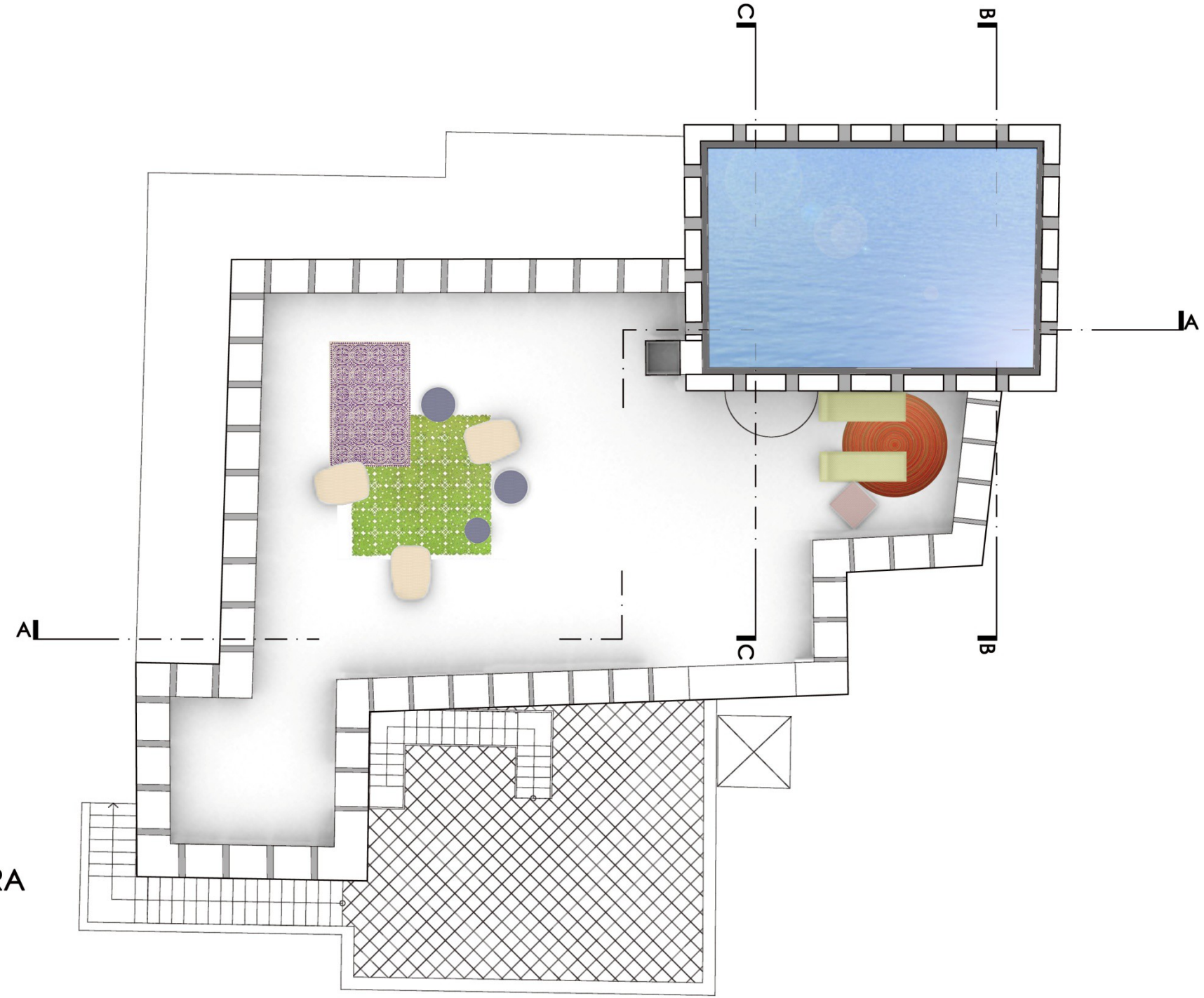

ZONA
TRUCCO
ANGOLO
LETTURA



PIANTA DELLA COPERTURA

N

Autodesk Ecotect Analysis 2011 - C:\Users\utente\Desktop\pida design.eco

File Edit View Draw Select Modify Model Display Calculate Tools Help

16:00 21st June Climate: ITA_Naples.162890_IW Lat: 40.8° Lng: 14.3° (+1.0)

0.100 0.50° Apply to Copy Proportional Current Zone: Zone 4

PROJECT 3D EDITOR VISUALISE ANALYSIS REPORTS

CFD Analysis
Flow Vector
Value Range: 0.00 - 1.20 m/s
(c) ECOTECT v5

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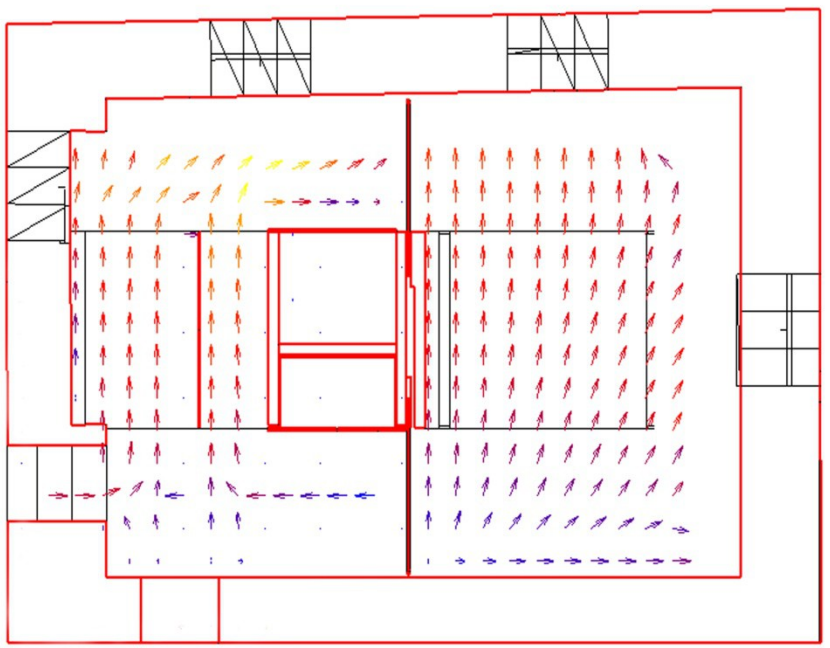
ing. Marcello Lanza
arch. Giovanni Russo



m/s
1.20+
1.08
0.96
0.84
0.72
0.60
0.48
0.36
0.24
0.12
0.00

Display Settings

C:\Users\utente\AppData\Local\Temp\EC

MODEL CONTEXT
[No Context]
Grid X: 1.000
Grid Y: 1.000
Minimum: Maximum:
X: 556.000 568.000
Y: 71.000 81.000
Z: 0.000 3.638
Zoom to Fit Increase
Settings... Decrease
Ctrl+F to Fit Grid Incr.

DATA OVERLAY
North Point
Axial Distances
Tranformation Origin
Legends and Scales
Titles and Text
Partial Object Detail

VIEW SETTINGS
Point Size: 0.100
Near Clip: 1063.586
Far Clip: 1333.420
Fit Value: 0.850
Zoom: 1.000
Eye Azimuth: 0.0°
Eye Altitude: 90.0°
View Angle: 0.5°

BKGND BITMAP
Display bkgnd bitmap
Bitmap Properties...

OBJ. ATTRIBUTES
Show Text Values
Show Object No.
Show Vectors
Show Colours

Automatically Apply Changes
Apply Changes Undo Last

DEFAULT

1/1126 Snaps: G I O P Idle

Autodesk Ecotect Analysis 2011 - C:\Users\utente\Desktop\pida design.eco

File Edit View Draw Select Modify Model Display Calculate Tools Help

Climate: ITA_Naples.162890_IW
Lat: 40.8° Lng: 14.3° (+1.0)

Current Zone: Zone 4

PROJECT | 3D EDITOR | VISUALISE | ANALYSIS | REPORTS

CFD Analysis
Flow Vector
Value Range: 0.00 - 1.20 m/s
(c) ECOTECT v5

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arch. Giovanni Russo

m/s
1.20+
1.08
0.96
0.84
0.72
0.60
0.48
0.36
0.24
0.12
0.00

DEFAULT

Analysis Grid

GRID SETTINGS
- Show Gridlines
- Shade Grid Squares
- Show Contour Lines
- Clip To Minimum
- Show Grid Axis
- Show Node Values
  - Peaks & Troughs
  - Selected Only
- Show Average Value
- Show Values in 3D

Grid Management...
Display Analysis Grid

DATA & SCALE
Flow Vector
Minimum: 0.00
Maximum: 1.20
Contours: 0.01
Colours... Volumetrics...

2D SLICE POSITION
Axis: XY Axis
Offset: 1.500
Snap to Cell Boundary
Auto-Fit Grid to Objects...
Adjust Grid Extents
Animate Forwards
<< Min Max >>

HIDDEN NODES
Hide Show
Select Grid Nodes

CALCULATIONS
- Lighting Levels
- Insolation Levels
- Spatial Comfort
- CFD Cell Blockages
- Load CFD Data

Load OUTPUT File...

1/1126 Snaps: G I O P Idle

Autodesk Ecotect Analysis 2011 - C:\Users\utente\Desktop\pida design.eco

File Edit View Draw Select Modify Model Display Calculate Tools Help

16:00 21st March Climate: ITA_Naples.162890_IW Lat: 40.8° Lng: 14.3° (+1.0)

0.100 0.50° Apply to Copy Proportional Current Zone: Zone 4

PROJECT | 3D EDITOR | VISUALISE | ANALYSIS | REPORTS

Daylight Analysis
Daylight Factor
Contour Range: 0.0 - 60.0 %
In Steps of: 6.0 %
© ECOTECT v5

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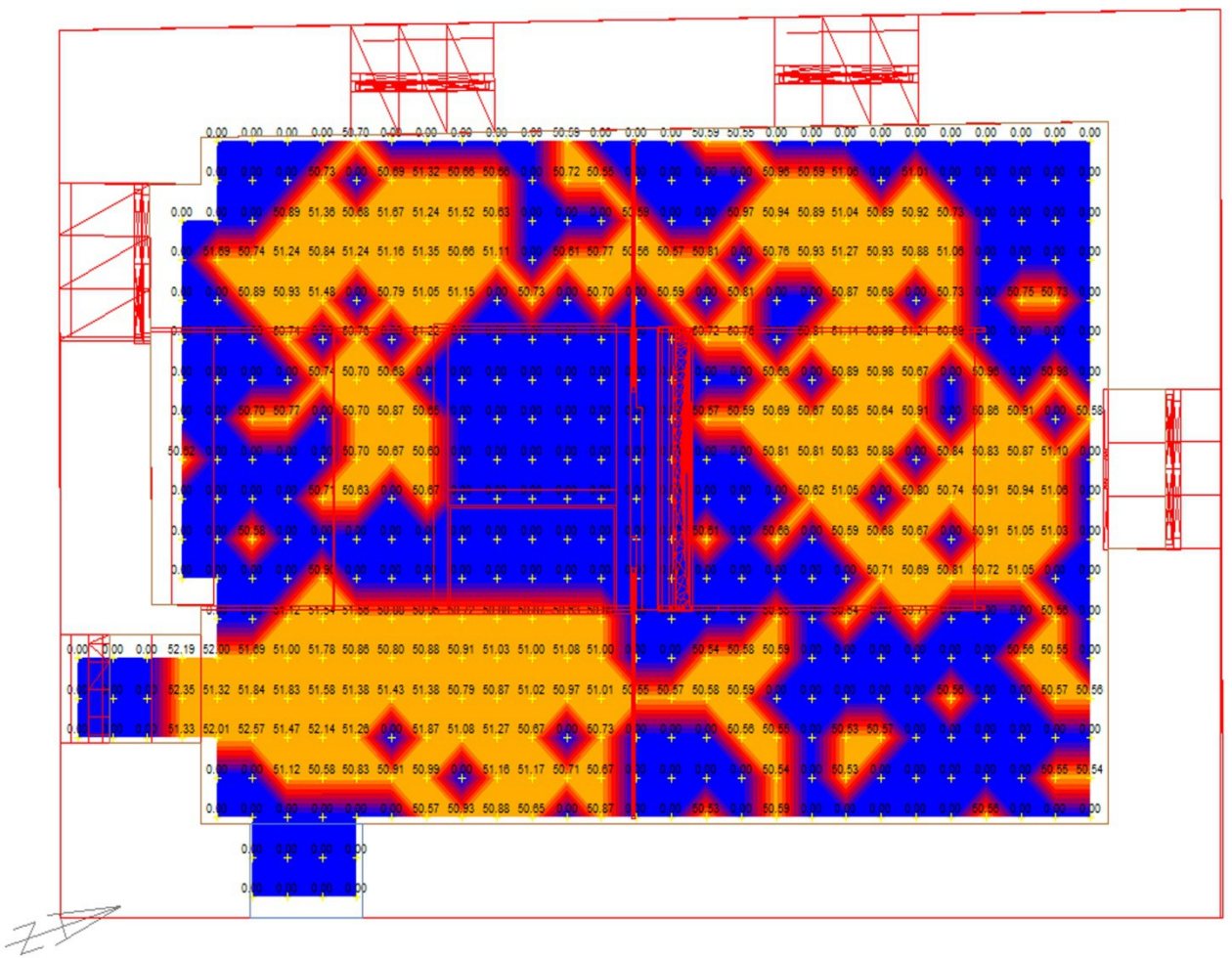

%
60.0+
54.0
48.0
42.0
36.0
30.0
24.0
18.0
12.0
6.0
0.0

Average Value: 22.90 %
Visible Nodes: 498

Analysis Grid

GRID SETTINGS
- Show Gridlines
- Shade Grid Squares
- Show Contour Lines
- Clip To Minimum
- Show Grid Axis
- Show Node Values
  - Peaks & Troughs
  - Selected Only
- Show Average Value
- Show Values in 3D

Grid Management...
Display Analysis Grid

DATA & SCALE
Daylight Factor
Minimum: 0.00
Maximum: 60.00
Contours: 6.00
Colours... Volumetrics...

2D SLICE POSITION
Axis: XY Axis
Offset: 0.500
Snap to Cell Boundary
Auto-Fit Grid to Objects...
Adjust Grid Extents
Animate Forwards
<< Min Max >>

HIDDEN NODES
Hide Show
Select Grid Nodes

CALCULATIONS
- Lighting Levels
- Insolation Levels
- Spatial Comfort
- CFD Cell Blockages
- Load CFD Data

Perform Calculation...

0/1126 Snaps: G I O P Idle Calculation complete (2 min, 25 sec).

Autodesk Ecotect Analysis 2011 - C:\Users\utente\Desktop\pida design.eco

File Edit View Draw Select Modify Model Display Calculate Tools Help

16:00 21st March Climate: ITA_Naples.162890_IW Lat: 40.8° Lng: 14.3° (+1.0)

0.100 0.50° Apply to Copy Proportional Current Zone: Zone 4

PROJECT | 3D EDITOR | VISUALISE | ANALYSIS | REPORTS

Insolation Analysis
Total Radiation
Contour Range: 21.0 - 41.0 kWh
In Steps of: 2.0 kWh
© ECOTECT v5

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kWh
41.0+
39.0
37.0
35.0
33.0
31.0
29.0
27.0
25.0
23.0
21.0

Average Value: 21.81 kWh
Visible Nodes: 498

Analysis Grid

GRID SETTINGS
- Show Gridlines
- Shade Grid Squares
- Show Contour Lines
- Clip To Minimum
- Show Grid Axis
- Show Node Values
  - Peaks & Troughs
  - Selected Only
- Show Average Value
- Show Values in 3D

Grid Management...
Display Analysis Grid

DATA & SCALE
Total Radiation
Minimum: 21.00
Maximum: 41.00
Contours: 2.00
Colours... Volumetrics...

2D SLICE POSITION
Axis: XY Axis
Offset: 0.500
Snap to Cell Boundary
Auto-Fit Grid to Objects...
Adjust Grid Extents
Animate Forwards
<< Min Max >>

HIDDEN NODES
Hide Show
Select Grid Nodes

CALCULATIONS
- Lighting Levels
- Insolation Levels
- Spatial Comfort
- CFD Cell Blockages
- Load CFD Data

Perform Calculation...

0/1126 Snaps: G I O P Idle Calculation complete (1 min, 21 sec).

Autodesk Ecotect Analysis 2011 - C:\Users\utente\Desktop\pida design.eco

File Edit View Draw Select Modify Model Display Calculate Tools Help

16:00 21st March Climate: ITA_Naples.162890_IW Lat: 40.8° Lng: 14.3° (+1.0)

0.100 0.50° Apply to Copy Proportional Current Zone: Zone 4

PROJECT | 3D EDITOR | VISUALISE | ANALYSIS | REPORTS

Insolation Analysis
Total Radiation
Contour Range: 54.0 - 114.0 kWh
In Steps of: 6.0 kWh
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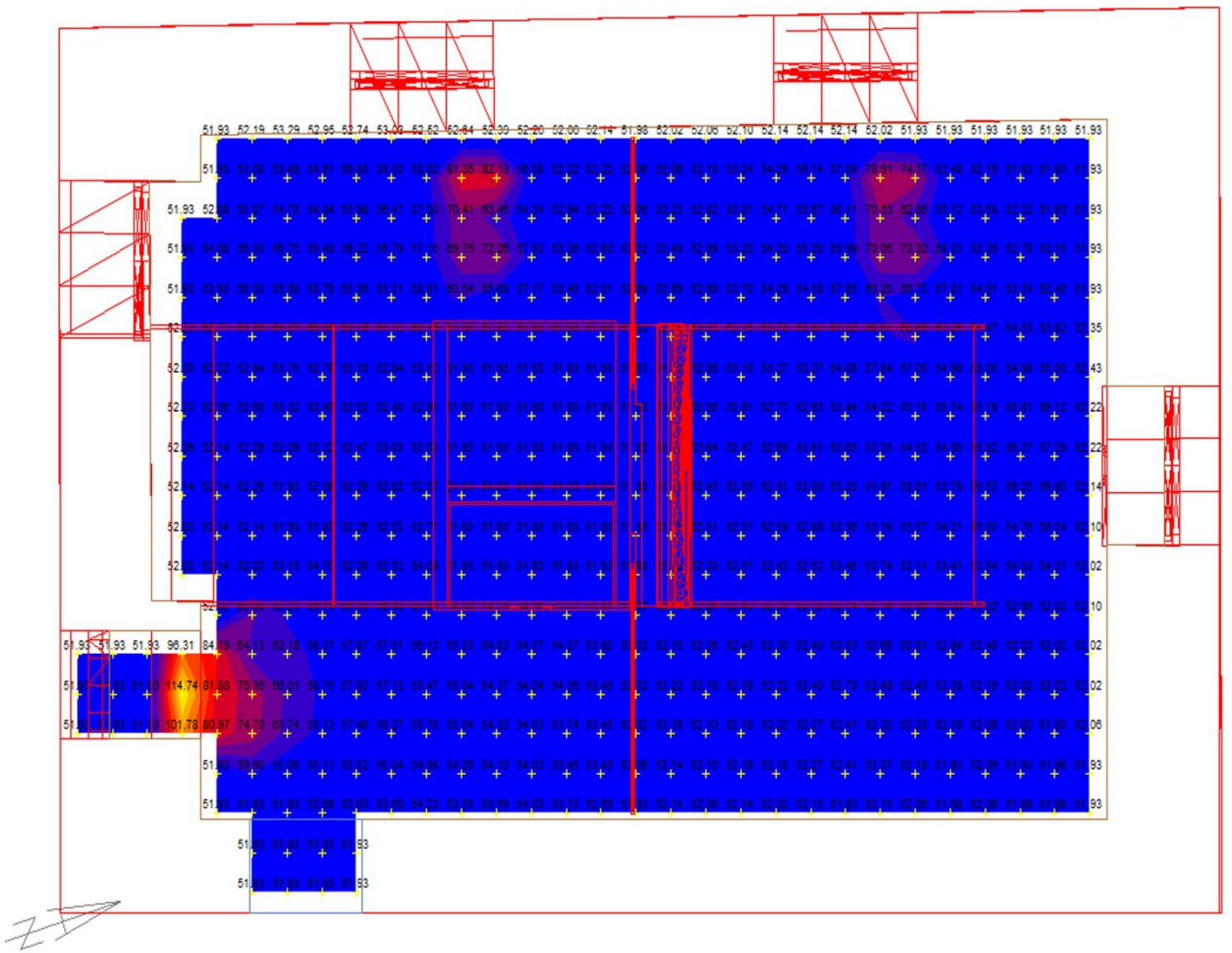

Average Value: 54.49 kWh
Visible Nodes: 498

Analysis Grid

GRID SETTINGS
- Show Gridlines
- Shade Grid Squares
- Show Contour Lines
- Clip To Minimum
- Show Grid Axis
- Show Node Values
  - Peaks & Troughs
  - Selected Only
- Show Average Value
- Show Values in 3D

Grid Management...
Display Analysis Grid

DATA & SCALE
Total Radiation
Minimum: 54.00
Maximum: 114.00
Contours: 6.00
Colours... Volumetrics...

2D SLICE POSITION
Axis: XY Axis
Offset: 0.500
Snap to Cell Boundary
Auto-Fit Grid to Objects...
Adjust Grid Extents
Animate Forwards
<< Min Max >>

HIDDEN NODES
Hide Show
Select Grid Nodes

CALCULATIONS
- Lighting Levels
- Insolation Levels
- Spatial Comfort
- CFD Cell Blockages
- Load CFD Data

Perform Calculation...

0/1126 Snaps: G I O P Idle Calculation complete (1 min, 25 sec).

Autodesk Ecotect Analysis 2011 - C:\Users\utente\Desktop\pida design.eco

File Edit View Draw Select Modify Model Display Calculate Tools Help

12:00 21st December Climate: ITA_Naples.162890_IW Lat: 40.8° Lng: 14.3° (+1.0)

0.100 0.50° Apply to Copy Proportional Current Zone: Zone 4

PROJECT | 3D EDITOR | VISUALISE | ANALYSIS | REPORTS

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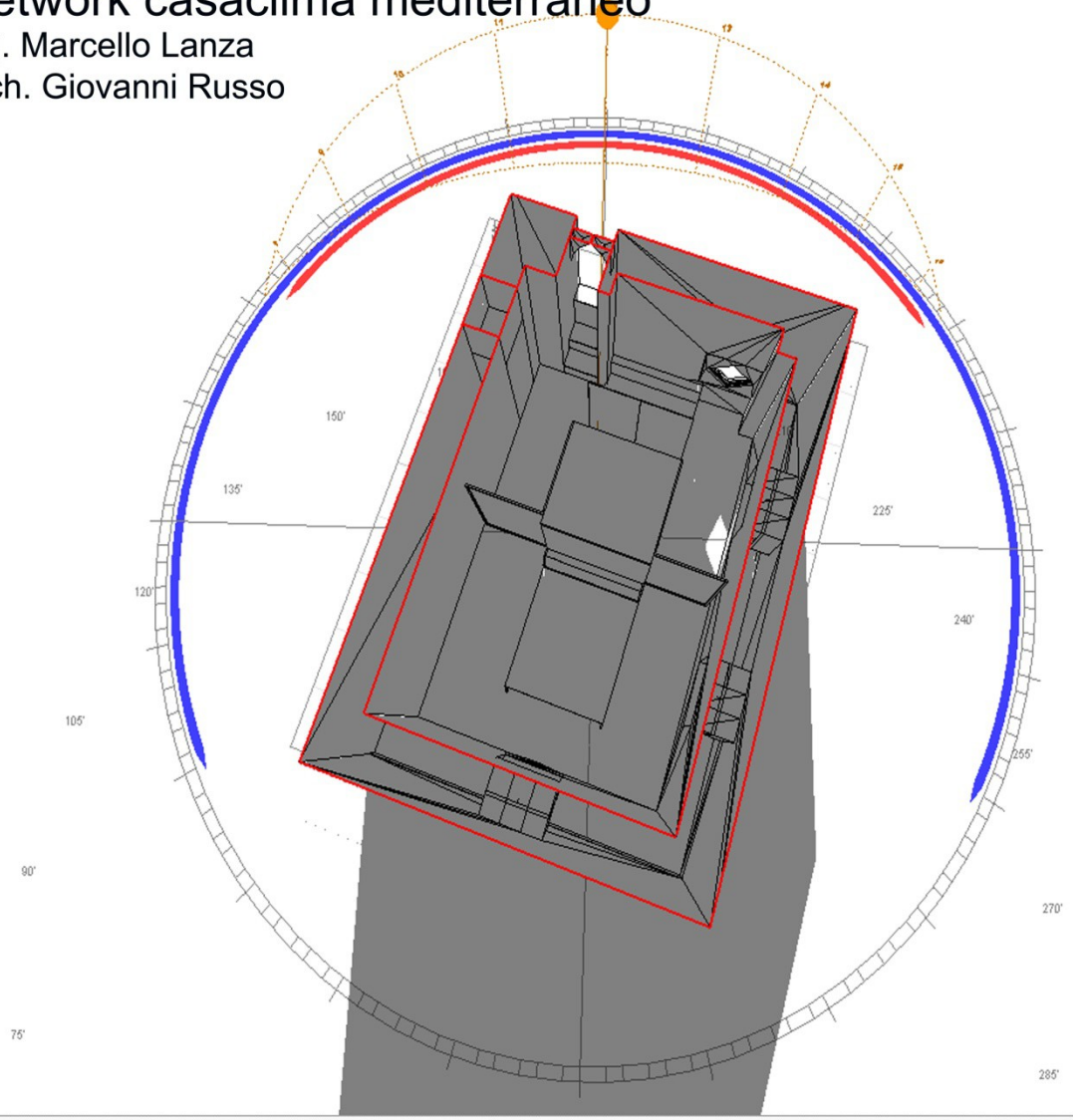
arch. Giovanni Russo



DEFAULT

Shadow Settings

SHADOW DISPLAY
- Daily Sun Path
- Annual Sun Path
- Display Shadows
- View From Sun Pos
- Show Floors in Plan
- Show as Outlines Only
- Show Ground Outline
- Reverse Sort Shadows
- Hidden Zones Cast
- Hidden Zones Receive
- Selected Objects Only
- Reflection Transparency
- Reflection Obstruction
- Show Reflections Only
- Show Shadows Only
- Daylight Saving Time

TAG OBJECTS AS
Shaded | Reflector

SOLAR RAYS
Spacing: 0.100 Bounces: 1
Show Solar Rays
Show Full Ray Paths

SHADOW RANGE
Start: 09:00 Stop: 17:00 Step: 30
Show Shadow Range

SOLAR PROJECTION
Show Projection

ANIMATE SHADOWS
Fast 20min / 16days Slow
Hourly | Annual
Use Shadow Range

0/1126 Snaps: G I O P Idle

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File Edit View Draw Select Modify Model Display Calculate Tools Help

12:00 21st March Climate: ITA_Naples.162890_IW Lat: 40.8° Lng: 14.3° (+1.0)

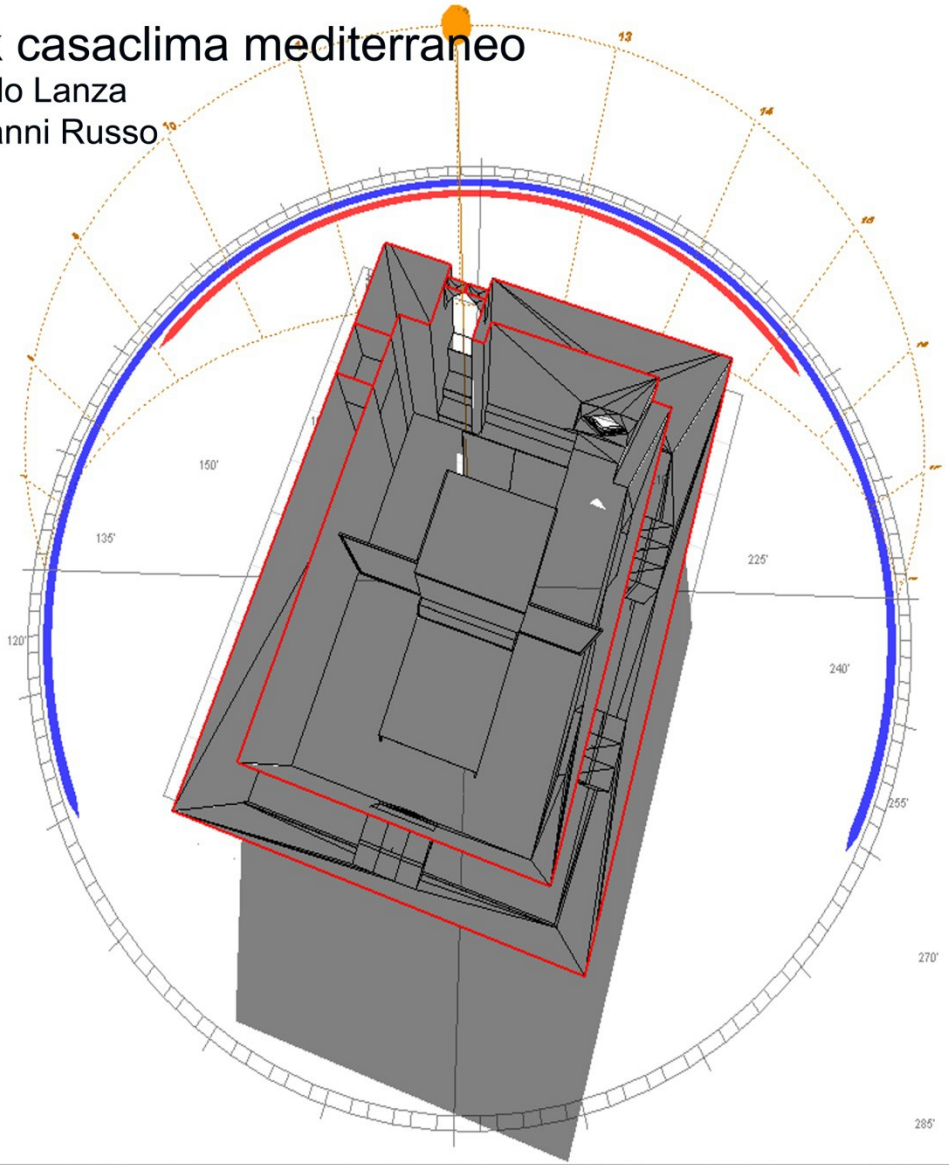
0.100 0.50° Apply to Copy Proportional Current Zone: Zone 4

PROJECT | 3D EDITOR | VISUALISE | ANALYSIS | REPORTS

Network casaclima mediterraneo

ing. Marcello Lanza

arch. Giovanni Russo



DEFAULT

Shadow Settings

SHADOW DISPLAY
- Daily Sun Path
- Annual Sun Path
- Display Shadows
- View From Sun Pos
- Show Floors in Plan
- Show as Outlines Only
- Show Ground Outline
- Reverse Soft Shadows
- Hidden Zones Cast
- Hidden Zones Receive
- Selected Objects Only
- Reflection Transparency
- Reflection Obstruction
- Show Reflections Only
- Show Shadows Only
- Daylight Saving Time

TAG OBJECTS AS
Shaded | Reflector

SOLAR RAYS
Spacing: 0.100 Bounces: 1
Show Solar Rays
Show Full Ray Paths

SHADOW RANGE
Start: 09:00 Stop: 17:00 Step: 30
Show Shadow Range

SOLAR PROJECTION
Show Projection

ANIMATE SHADOWS
Fast 20min / 16days Slow
Hourly | Annual
Use Shadow Range

0/1126 Snaps: G I O P Idle

Autodesk Ecotect Analysis 2011 - C:\Users\utente\Desktop\pida design.eco

File Edit View Draw Select Modify Model Display Calculate Tools Help

12:00 21st June Climate: ITA_Naples.162890_IW Lat: 40.8° Lng: 14.3° (+1.0)

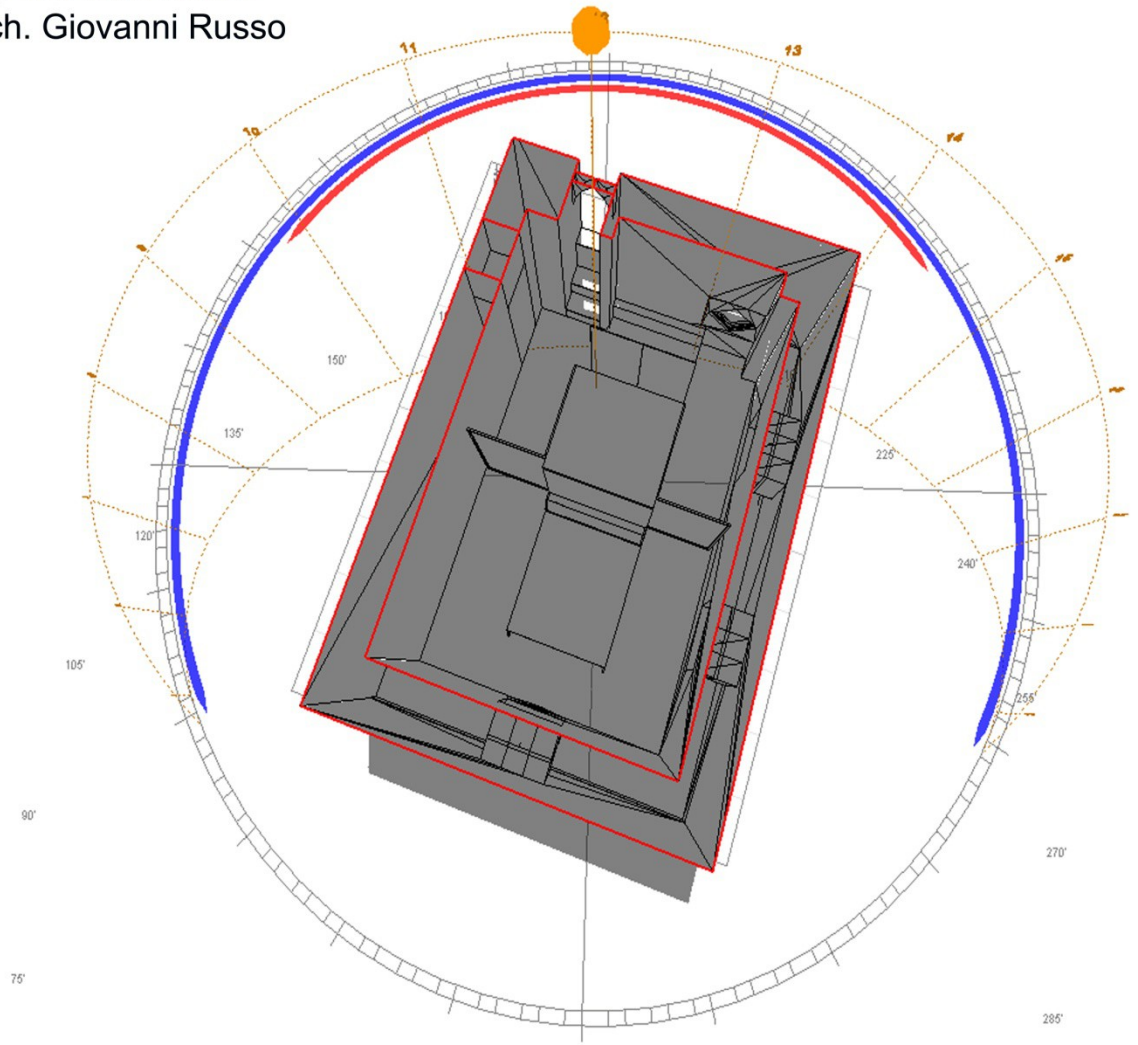
0.100 0.50° Apply to Copy Proportional Current Zone: Zone 4

PROJECT | 3D EDITOR | VISUALISE | ANALYSIS | REPORTS

Network casaclima mediterraneo

ing. Marcello Lanza

arch. Giovanni Russo



DEFAULT

Shadow Settings

SHADOW DISPLAY
- Daily Sun Path
- Annual Sun Path
- Display Shadows
- View From Sun Pos
- Show Floors in Plan
- Show as Outlines Only
- Show Ground Outline
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0/1126 Snaps: G I O P Idle

GRAZIE AL PIDA_

GRAZIE A LUCHINO VISCONTI

GRAZIE ISCHIA