



la1ARCHITETTI SRL

VIA SALVATORE TOMMASI, 12, 80135 NAPOLI +39 081 5442370 FAX +39 081 5442370 P.IVA. E C.F.: 07599661217 | la1architetti@libero.it | la1architetti@pec.it

| 1 |

Museo di Capodimonte
Real Bosco di Capodimonte

Via Capodimonte (Porta Grande)
Via Miano (Porta Miano e Porta Piccola)
NAPOLI

marzo-novembre 2022

COMMITTENTE

ENGIE Servizi S.p.A.
Viale Giorgio Ribotta, n. 31, 00144 Roma

MISURE

Estensione 55.000 mq
Numero di piani/livelli rilevati 8



1



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3

1_Veduta aerea. 2_Fotografia del fronte nord-est. 3_Nuvola dei punti delle pareti esterne, da rilievo range-based (TLS), vista da est.



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PARAMETRI

| Rilievo topografico |

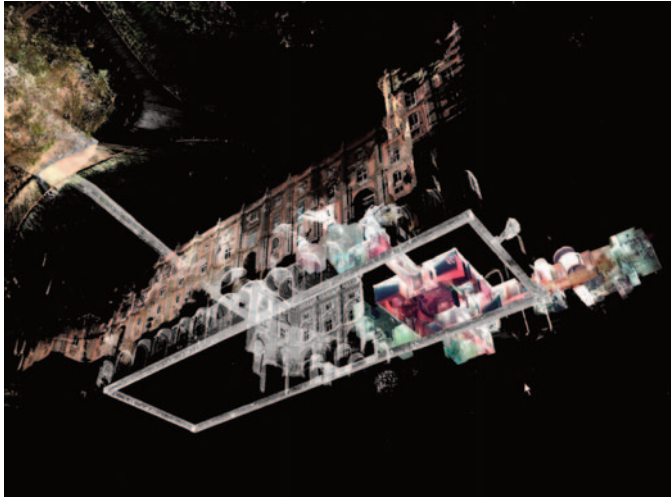
Strumentazione_Stazione totale
Modello_Stonex R20

| Rilievo Image-based |

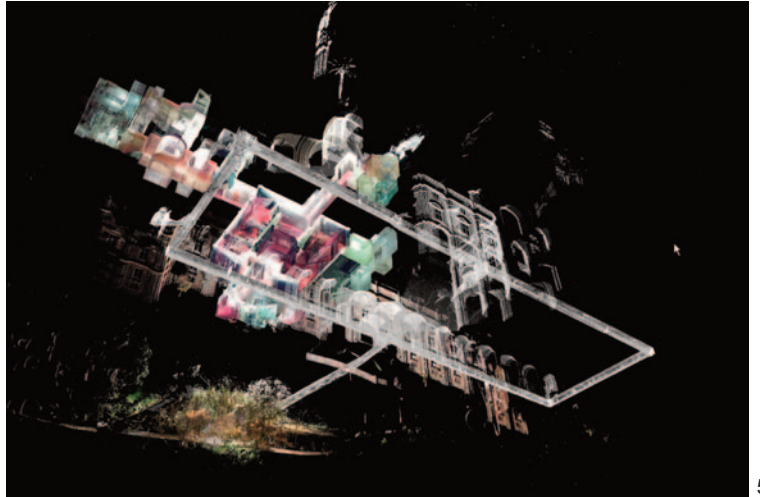
Strumentazione_SAPR
Modello_DJI Phantom 4
fotogrammi 2000
GSD 2.25 cm/px

| Rilievo Range-based |

Strumentazione_Laser scanner
Modello_Faro Focus 3D x330
Modello_Faro Focus S150
numero scansioni 3093
risoluzione 6.136mm/10 metri
qualità 3x



4



5



6

4,5_Viste 'da sotto in su' della nuvola dei punti (parziale), da rilievo range-based (TLS). 6_Nuvola dei punti delle pareti esterne e sulle tre corti da rilievo range-based (TLS), vista da est.



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7-10_Ortoproiezioni da modello image-based: fronti sud, nord, est, ovest.

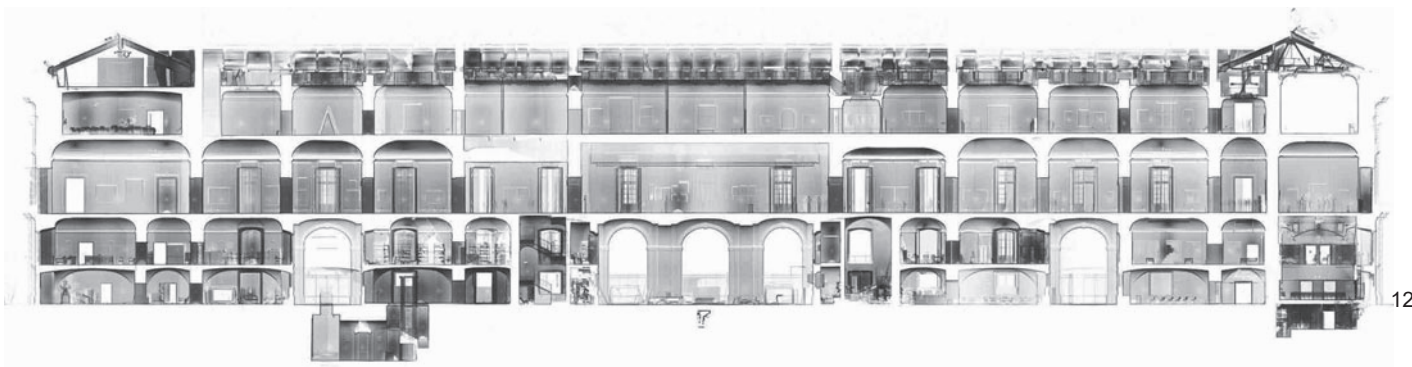


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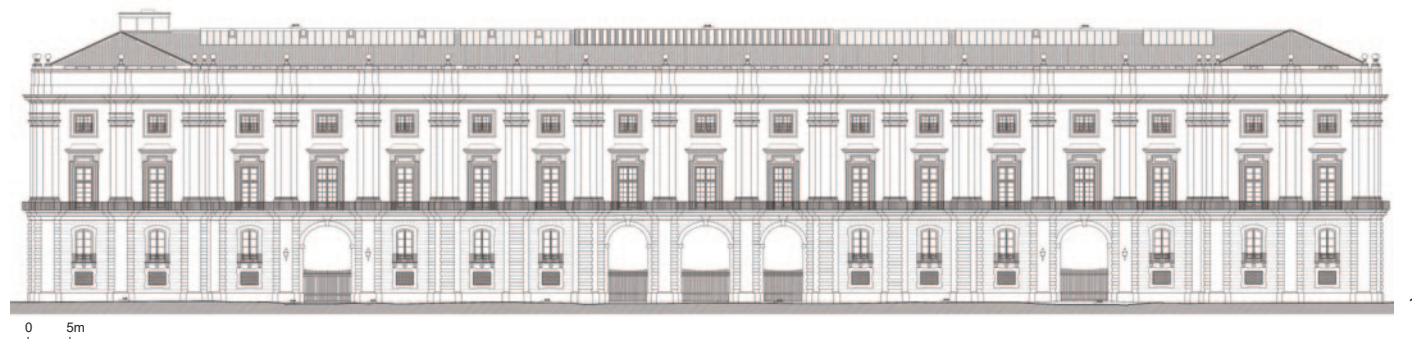
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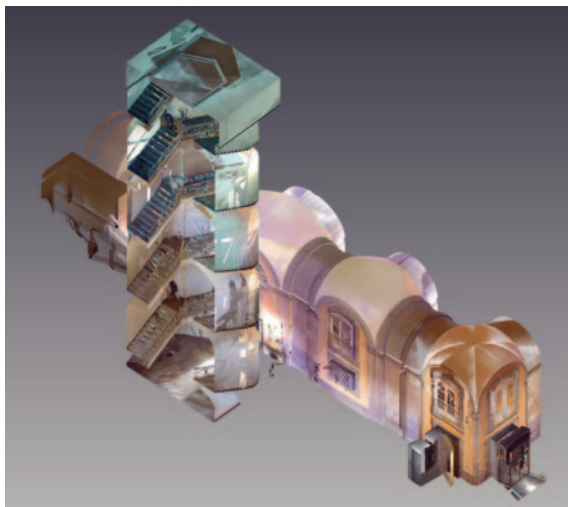
14

11,12_Ortoproiezioni da nuvola di punti range-based (TLS), sezione trasversale e sezione longitudinale. 13_Prospetto est vettorializzato. 14_Sezione longitudinale vettorializzata passante sulle tre corti (L4-4').



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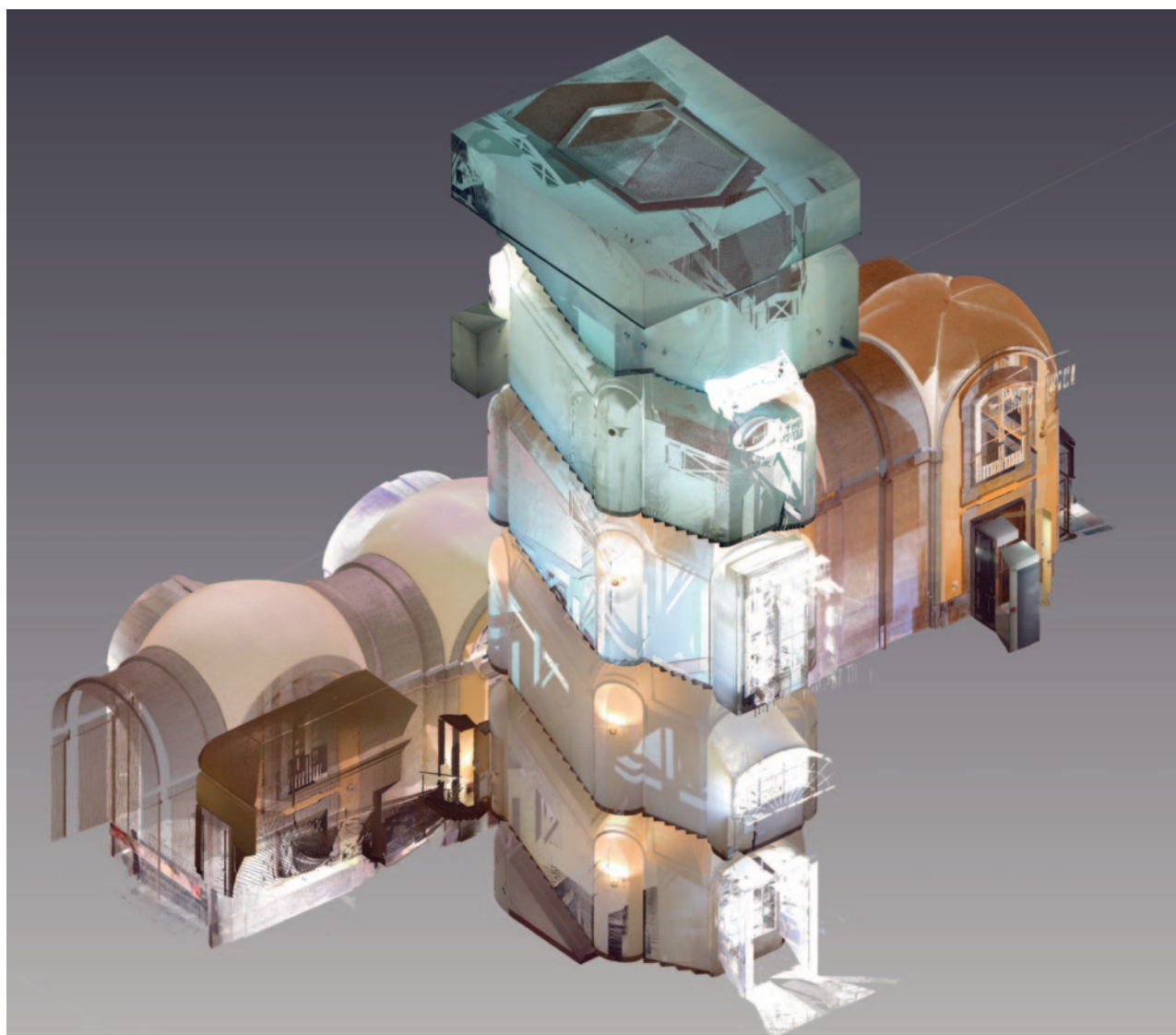
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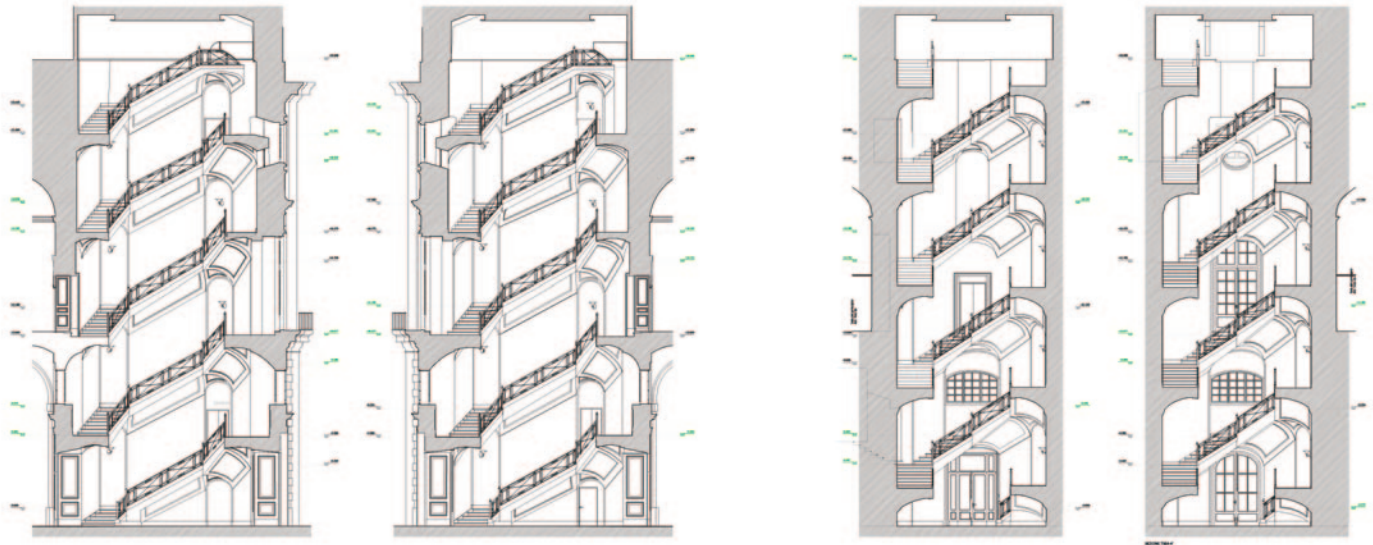
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15-18_Scalone esagonale: viste assometriche e prospettiche da nuvola di punti range-based (TLS).

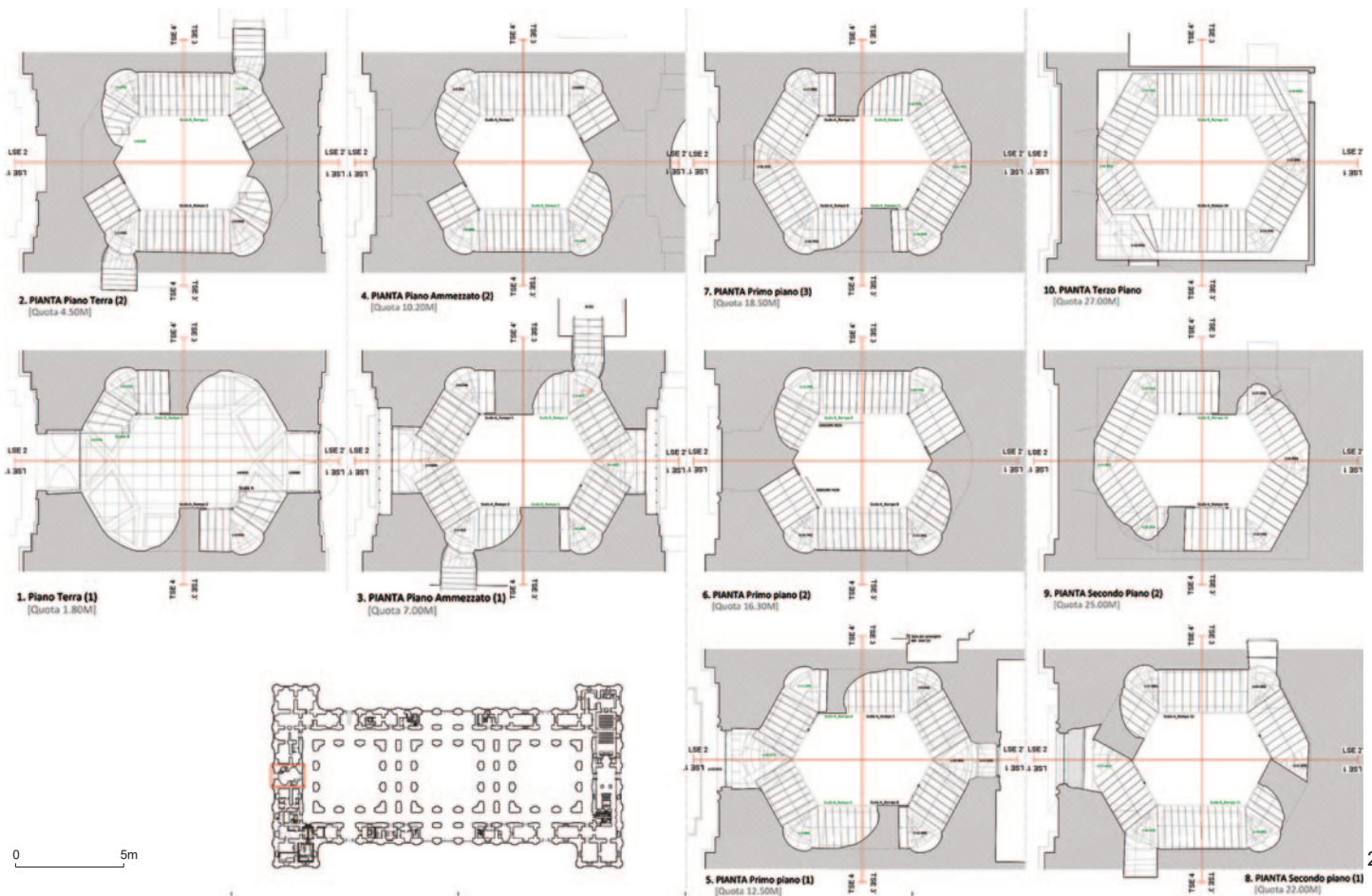


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19_Scalone esagonale: sezioni verticali vettorializzate, longitudinali (LSE1-1', LSE2-2') e trasversali (TSE3-3', TSE4-4'). 20_Scalone esagonale: sezioni orizzontali vettorializzate.

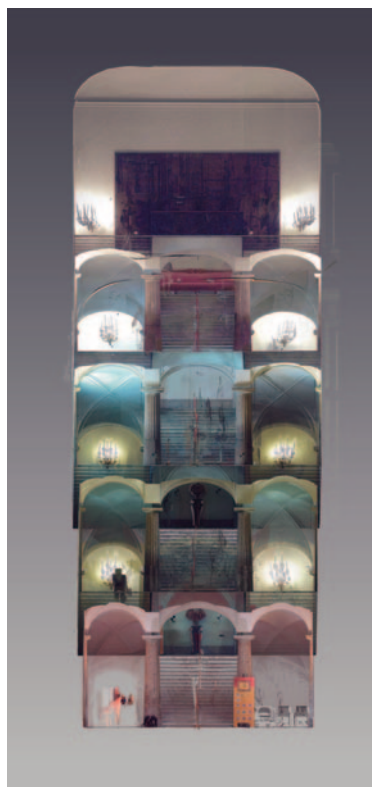


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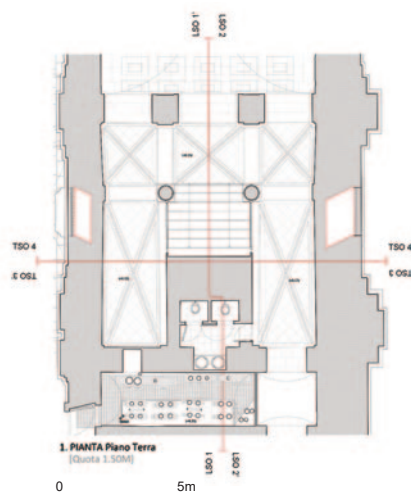
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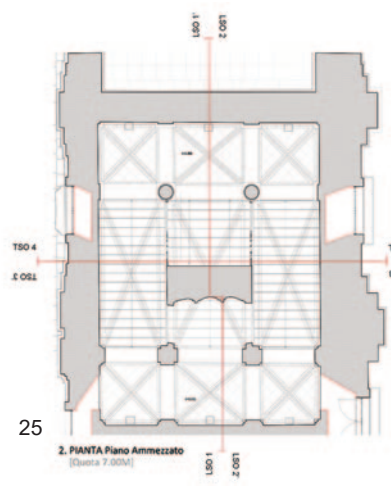
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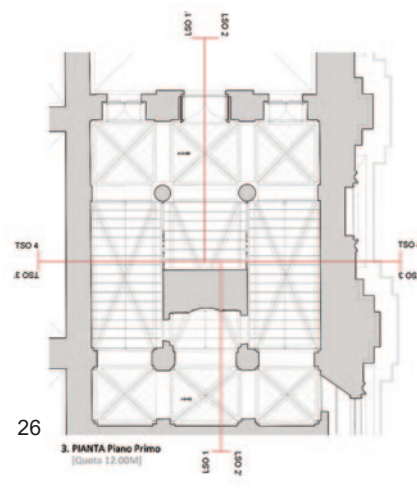
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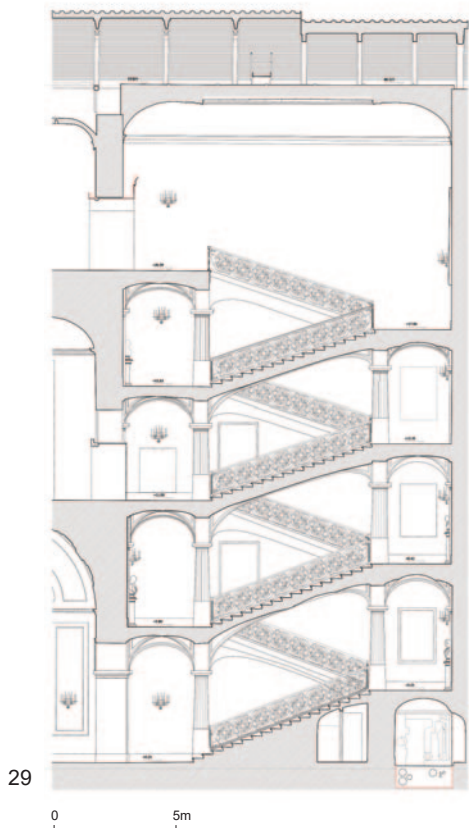
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21-23_Scalone d'onore: sezione orizzontale e sezioni verticali da nuvola di punto range-based (TLS). 24-28_Scalone d'onore: sezioni orizzontali vettorializzate.

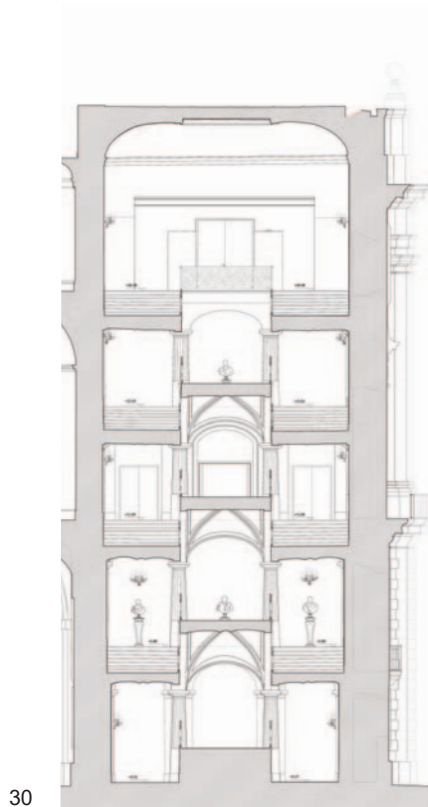


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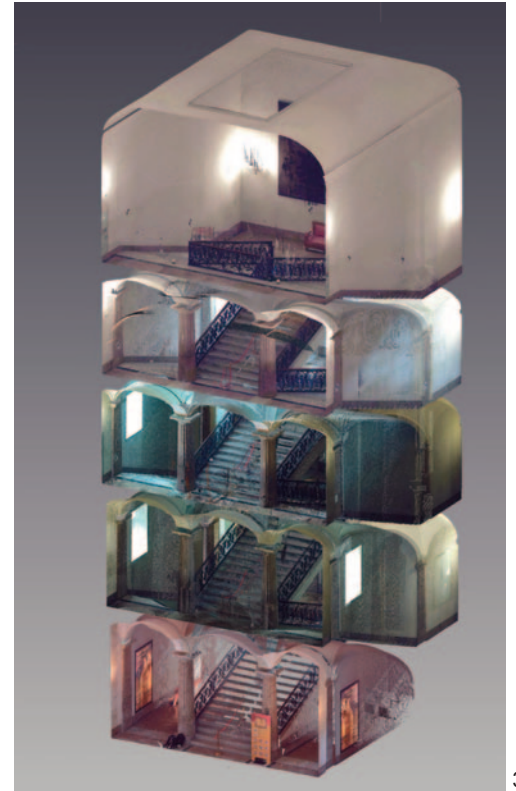
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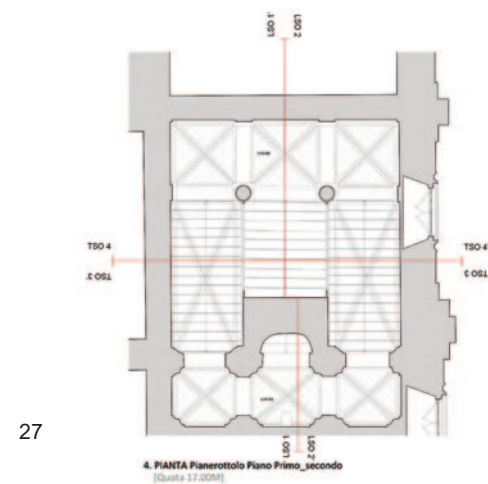
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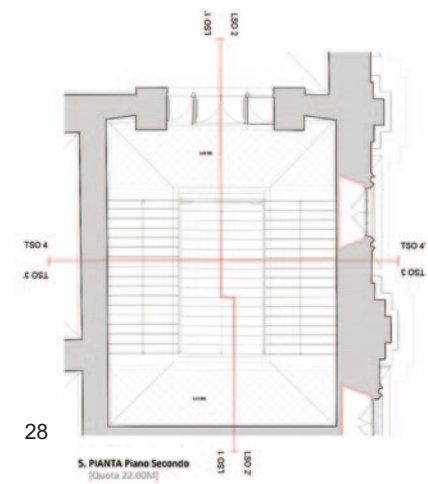
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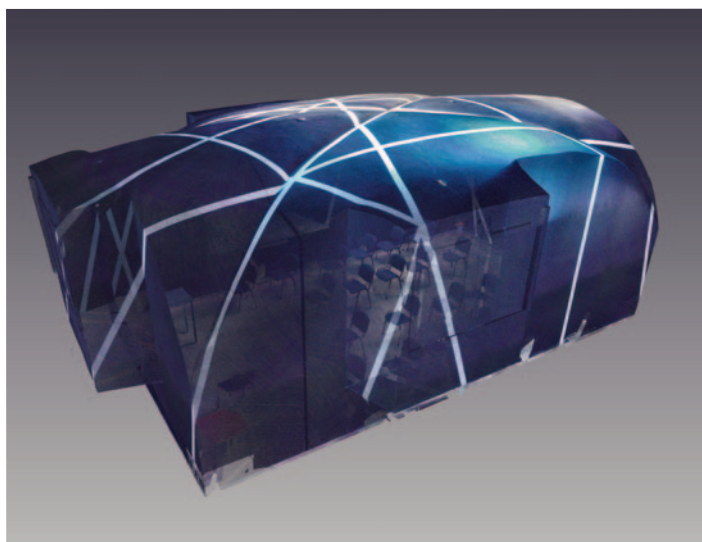
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29,30_Scalone d'onore: Sezioni verticali vettorializzate, longitudinale (LSO-LSO') e trasversale (TSO4-TSO4'). 31,32_Scalone d'onore: viste assometriche da nuvola di punti range-based (TLS).

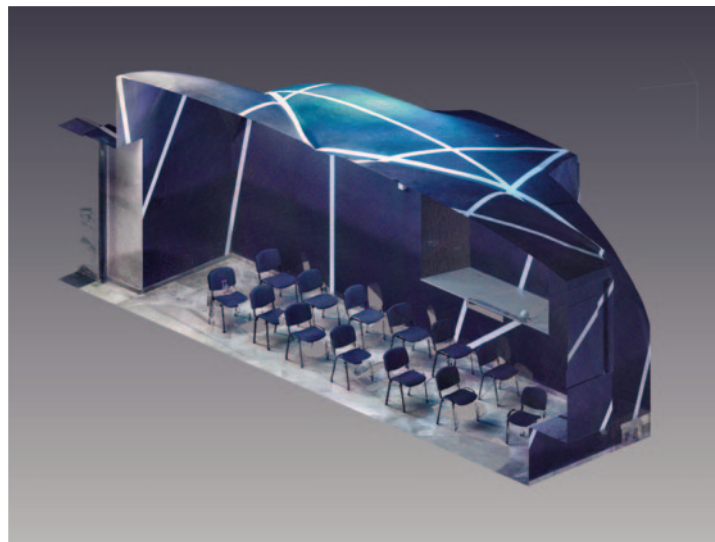


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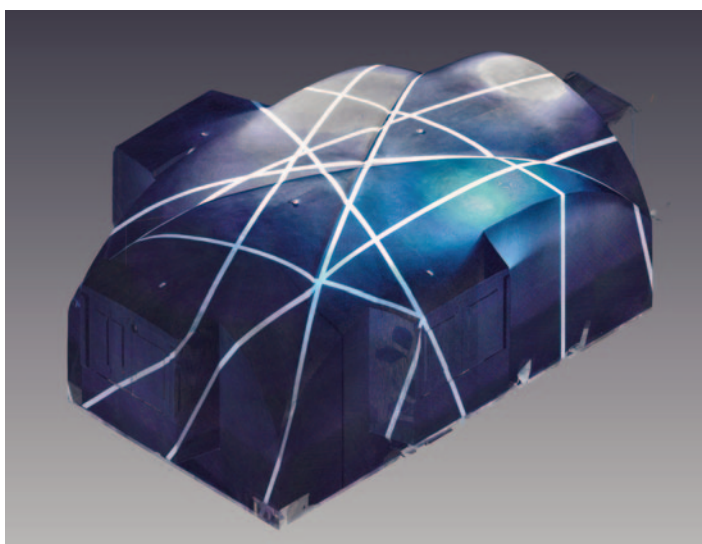
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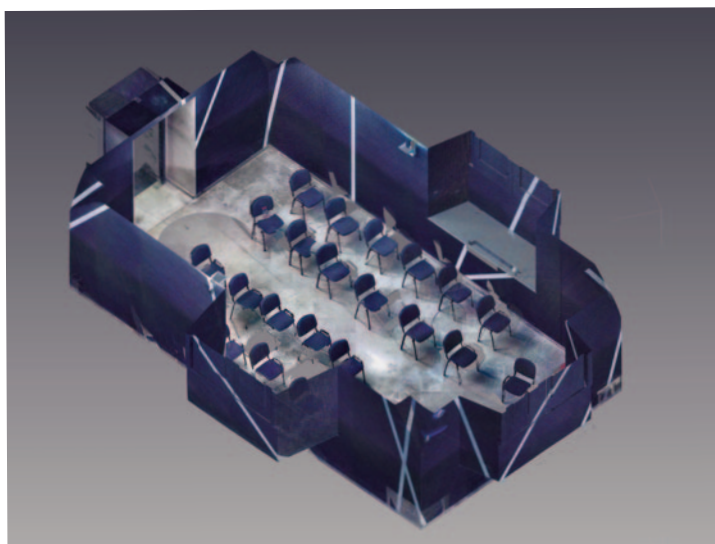
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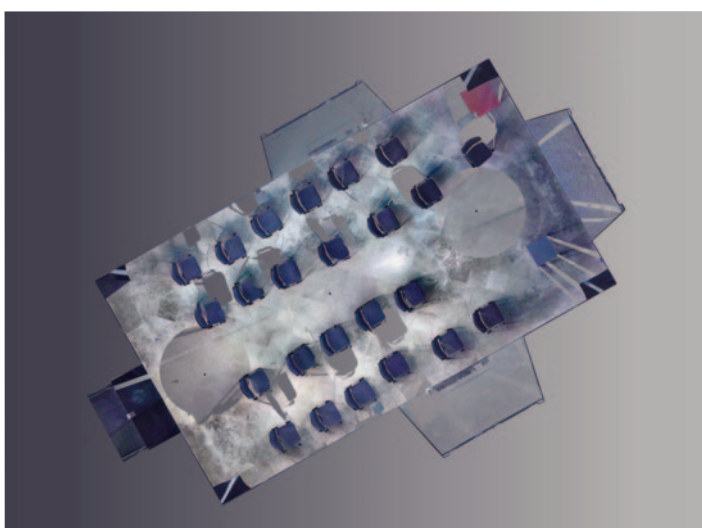
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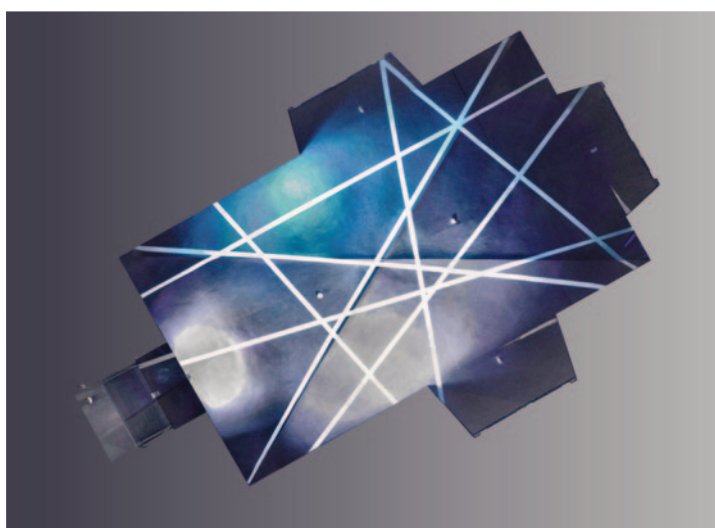
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33-38_Sala Sol Lewitt: viste da nuvola di punti range-based (TLS).



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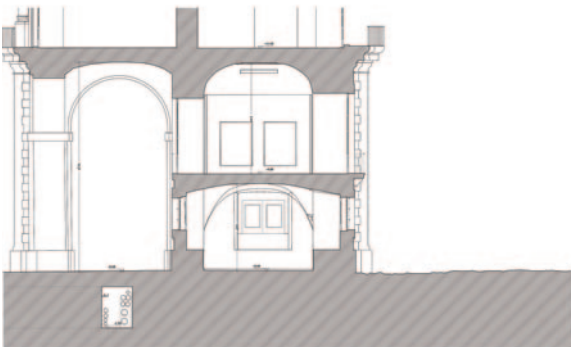
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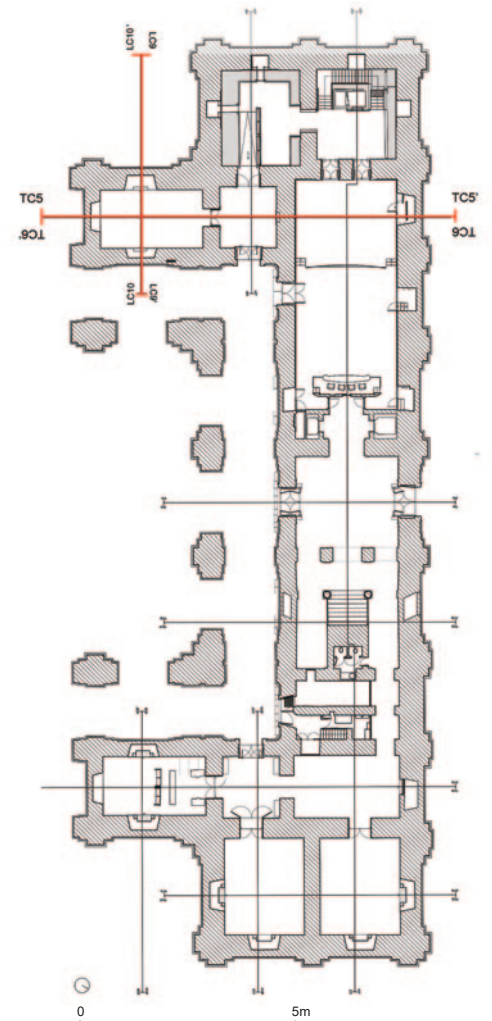


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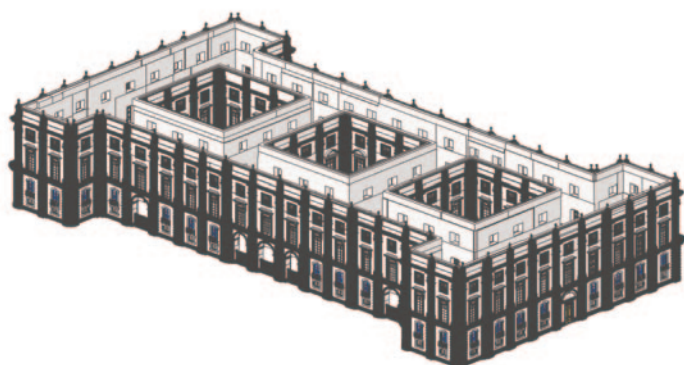


39-42_Sala Sol Lewitt: sezioni verticali vettorializzate e relativo riferimento planimetrico.

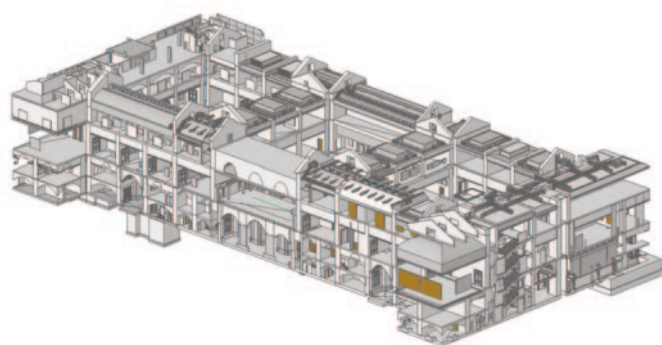


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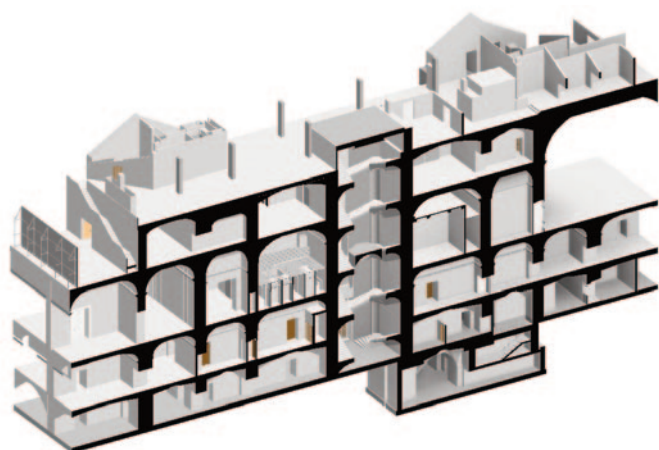
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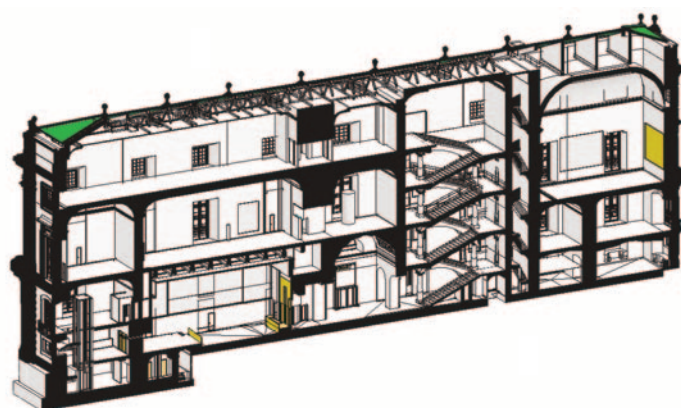
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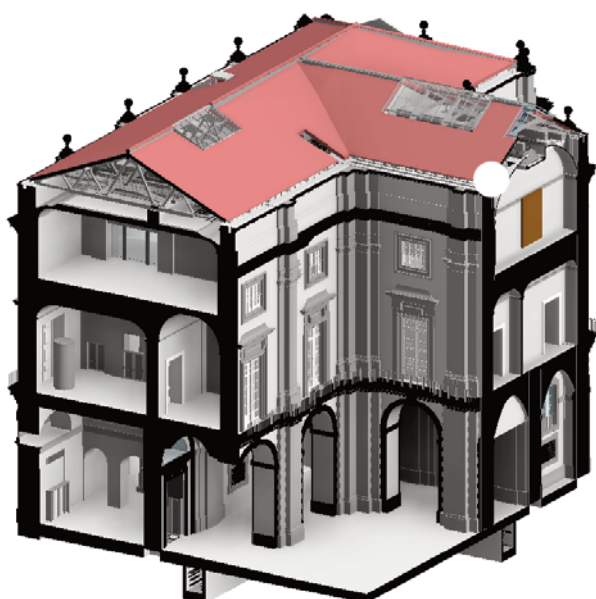
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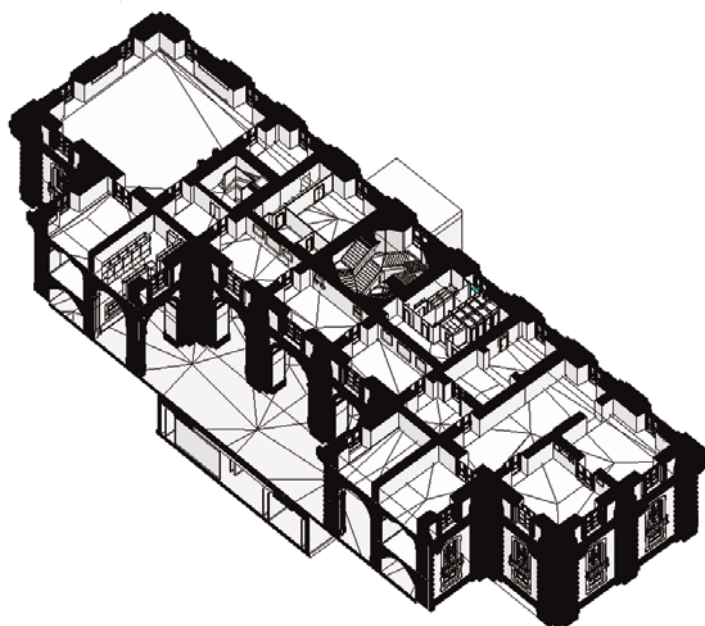
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43-48_Estratti assonometrici dal modello HBIM Architettonico.



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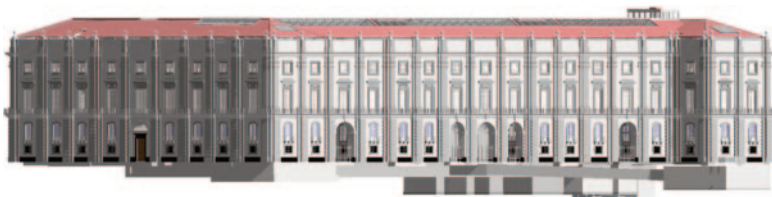
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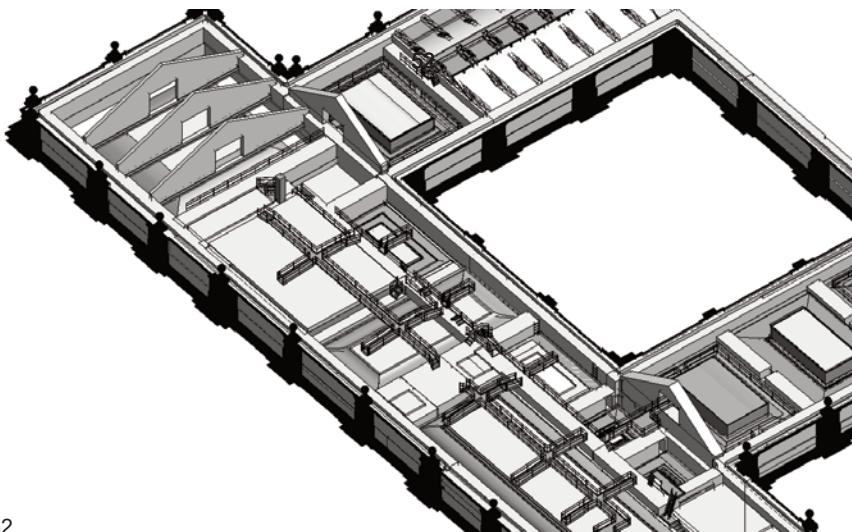
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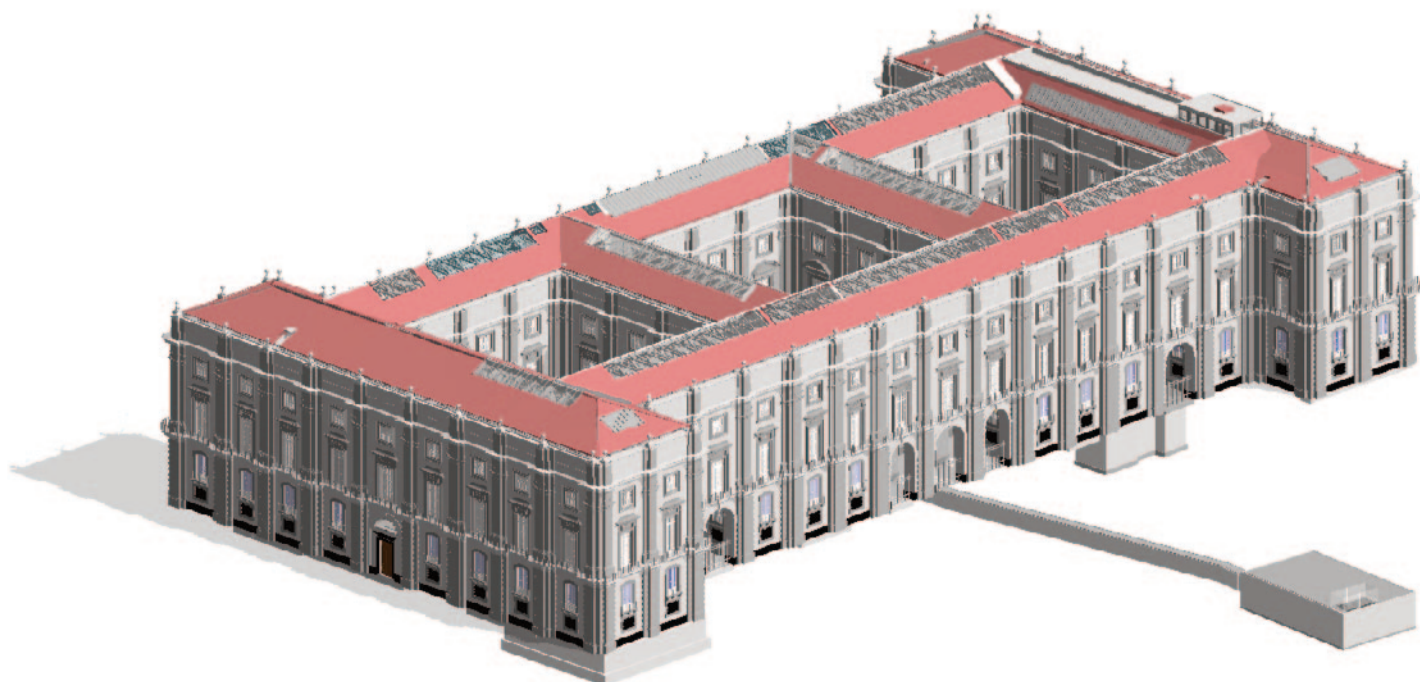
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49-51_Estratti in alzato dal modello HBIM Architettonico (esterni). 52_Particolare di estratto assometrico dal modello HBIM Architettonico. 53_Vista prospettica a fil di ferro dal modello HBIM Architettonico. 54,55_Viste renderizzate dal modello HBIM Architettonico.

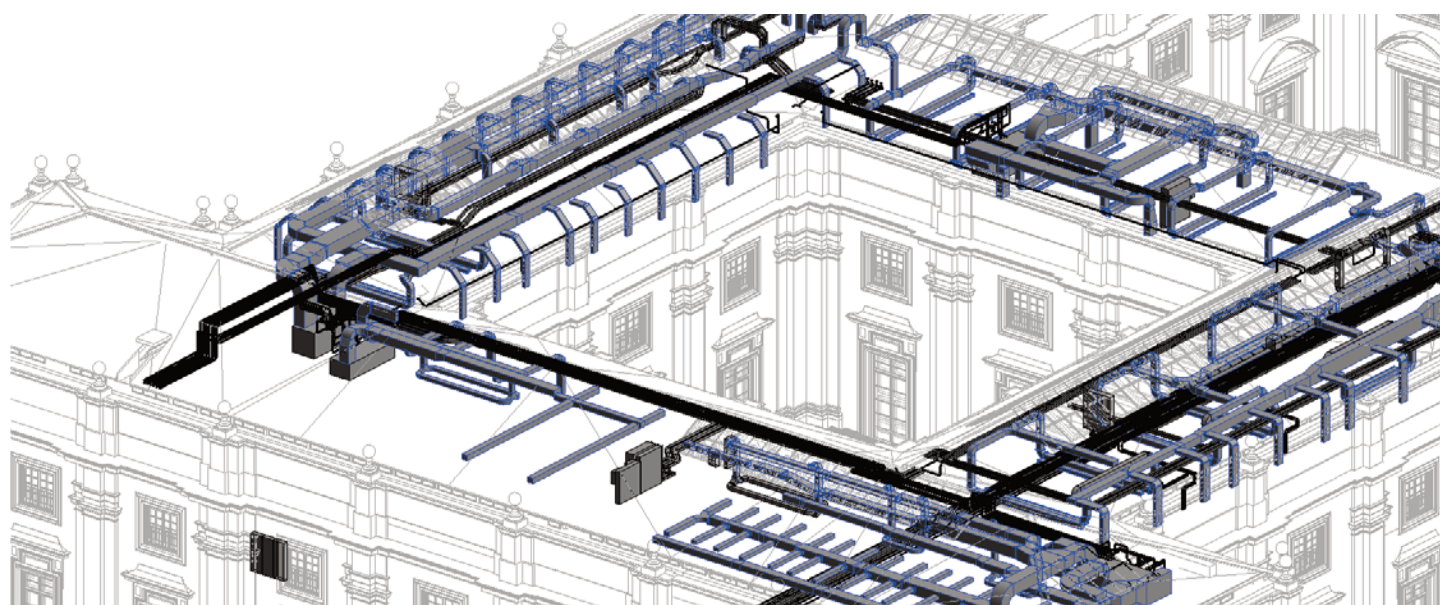


I.A. ARCHITETTI SRL

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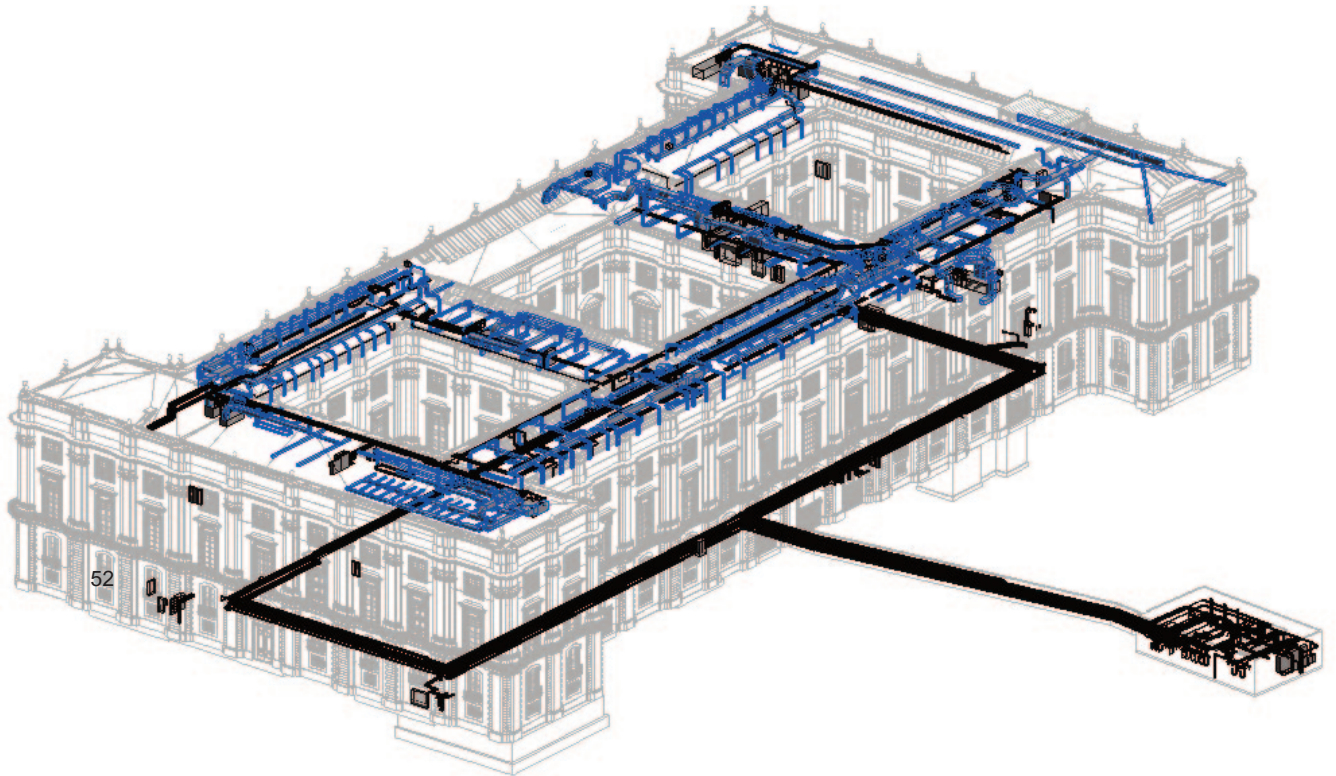
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56_Vista assometrica complessiva del modello HBIM MEP. 57_Particolare di una corte dal modello HBIM MEP.

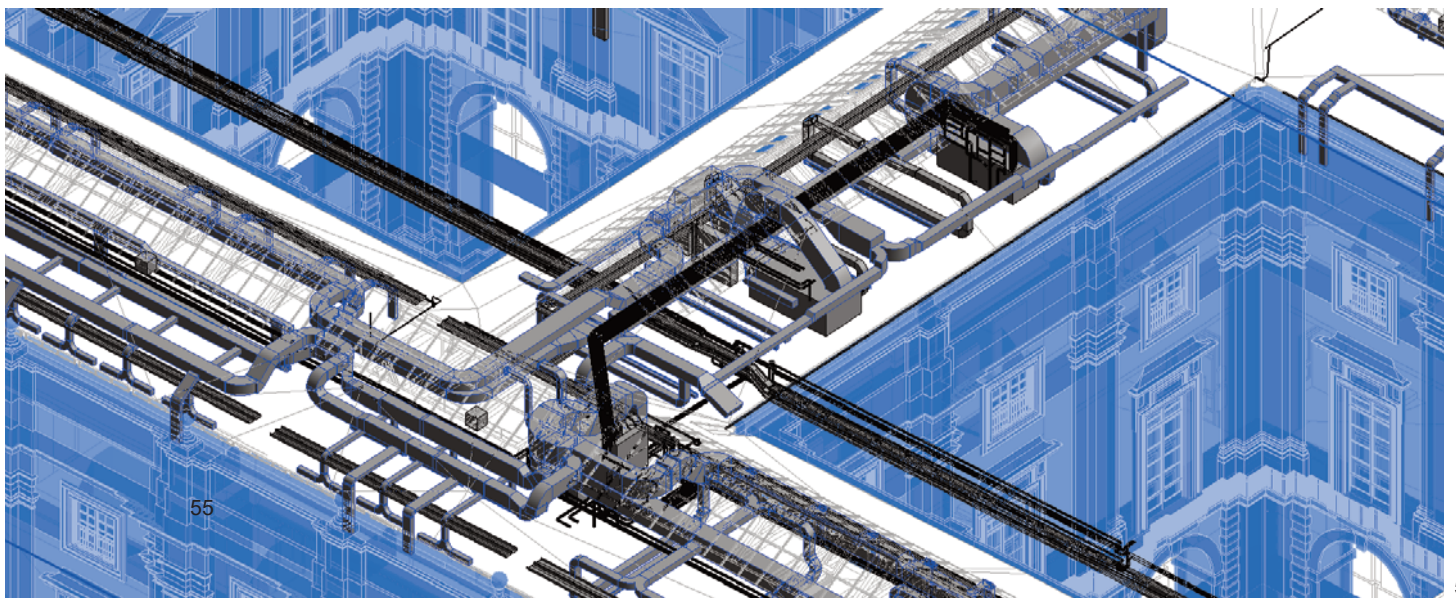


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58_Vista assometrica complessiva dal modello HBIM MEP. 59_Vista assometrica di dettaglio da modello HBIM MEP.