

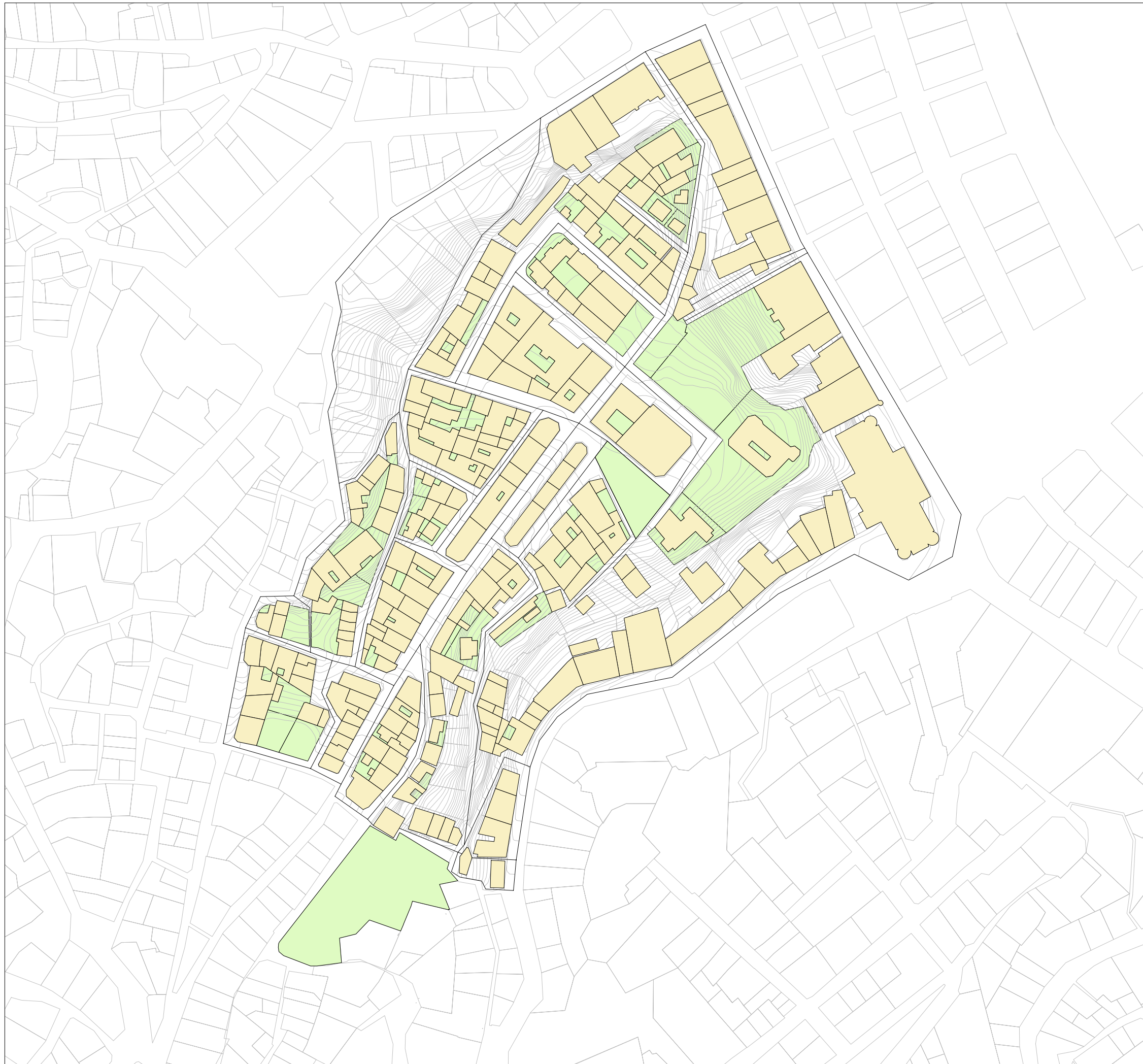
"Mar Vasto" - Manejo de riesgos en Valparaiso
Cerro Cordillera's pilot project



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00_Area of intervantion

-  Streets
-  Contour lines
-  Buildings
-  Open spaces



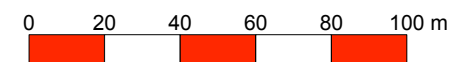
Aerial view from south



Aerial view from north

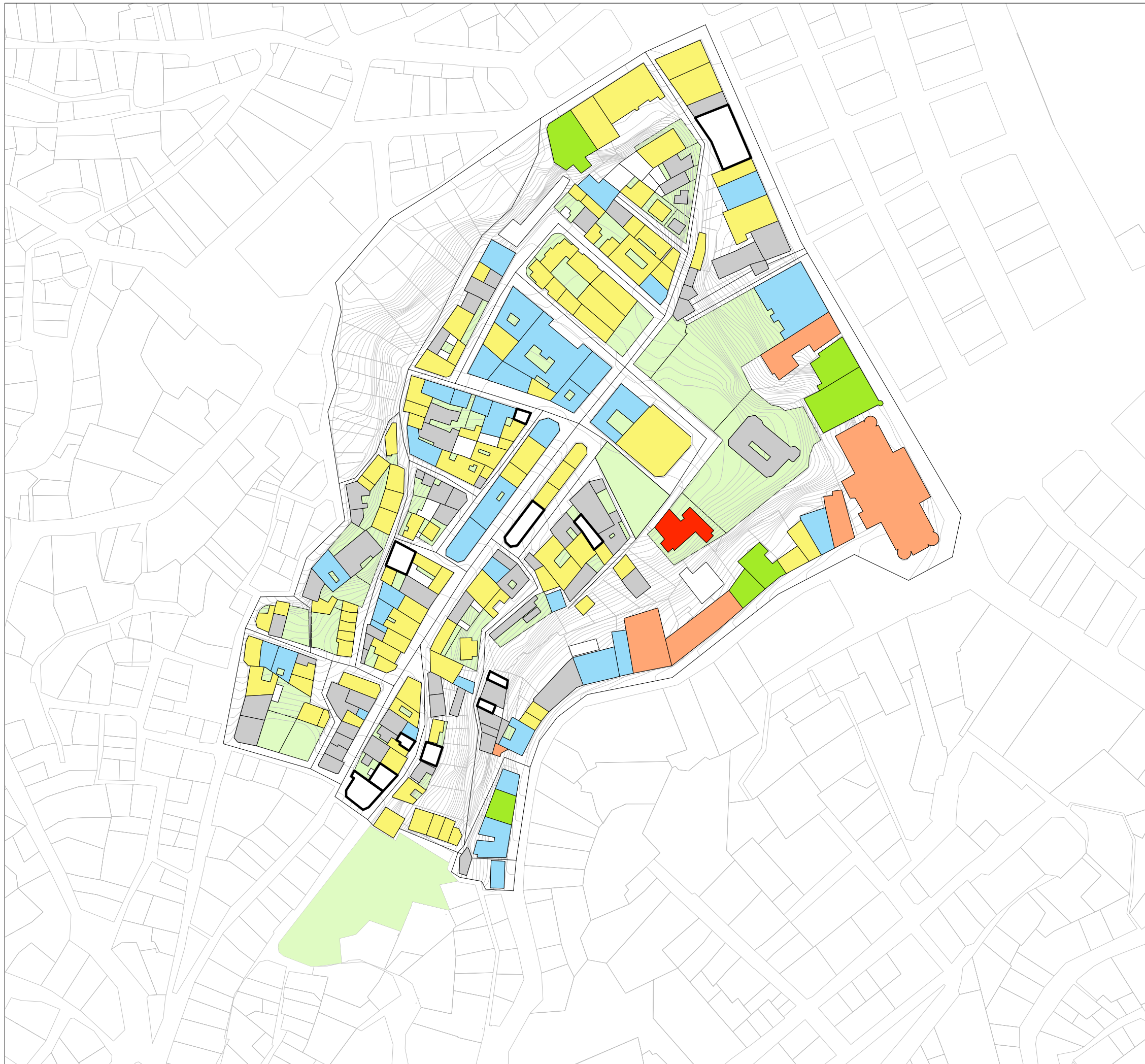


Aerial view from east










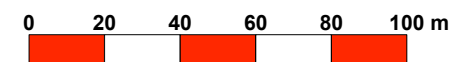


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01_Height buildings

-  0 floor - 5%
-  1 floor - 30%
-  2 floors - 44%
-  3 floors - 16%
-  4 floors - 2%
-  5 floors - 2%
-  6 floors - 1%





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02_Architectonic styles

- Art Deco
- Art nouveau
- Eclectic
- Local (vernacular)
- Local-high (vernacular)
- Neo-classic
- Other
- Post-modern
- Rationalism



Local-high (vernacular)



Local-high (vernacular)



Rationalism



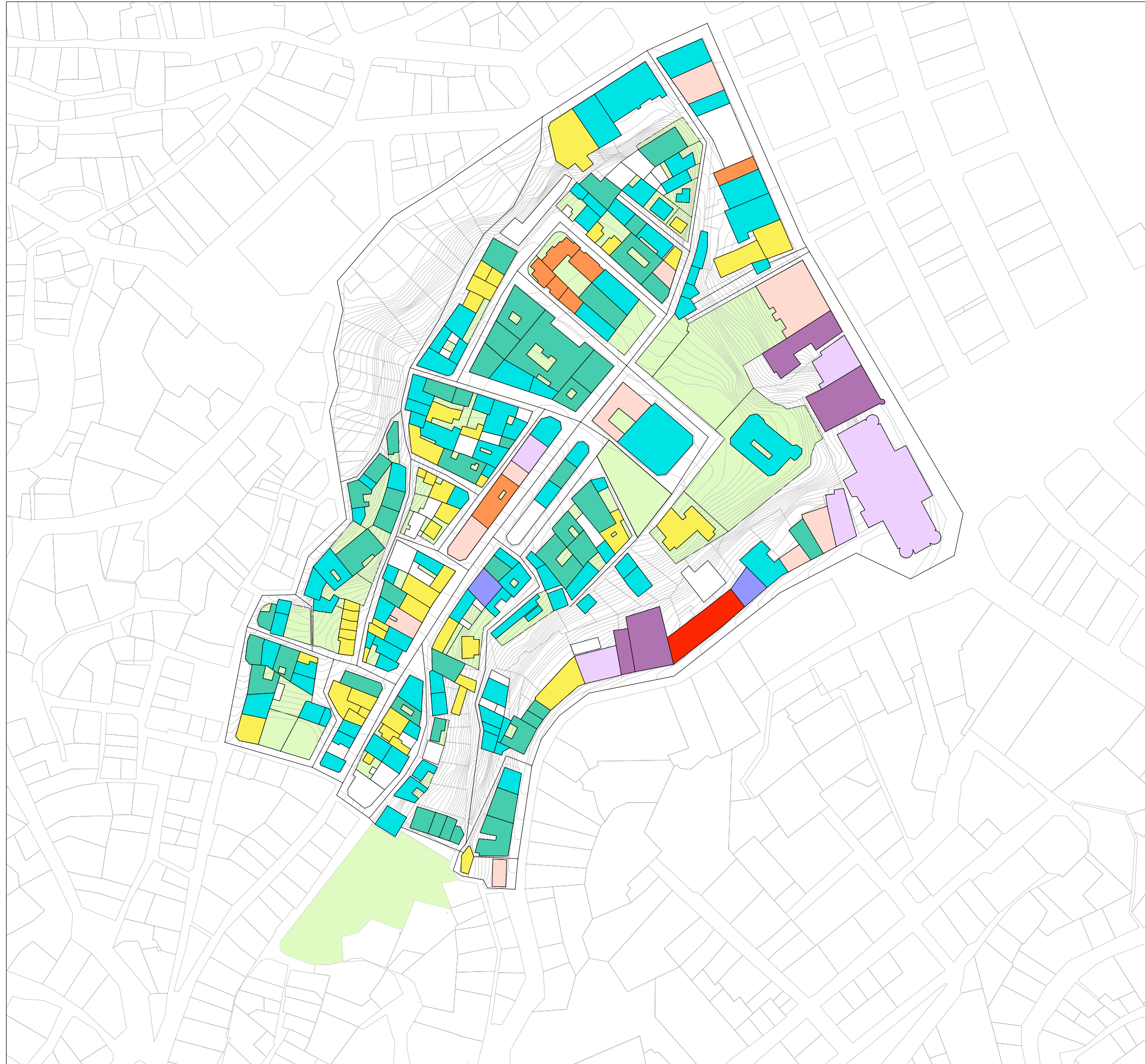
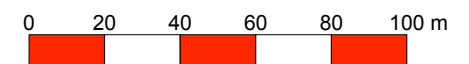
Eclectic



Other



Eclectic

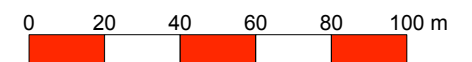
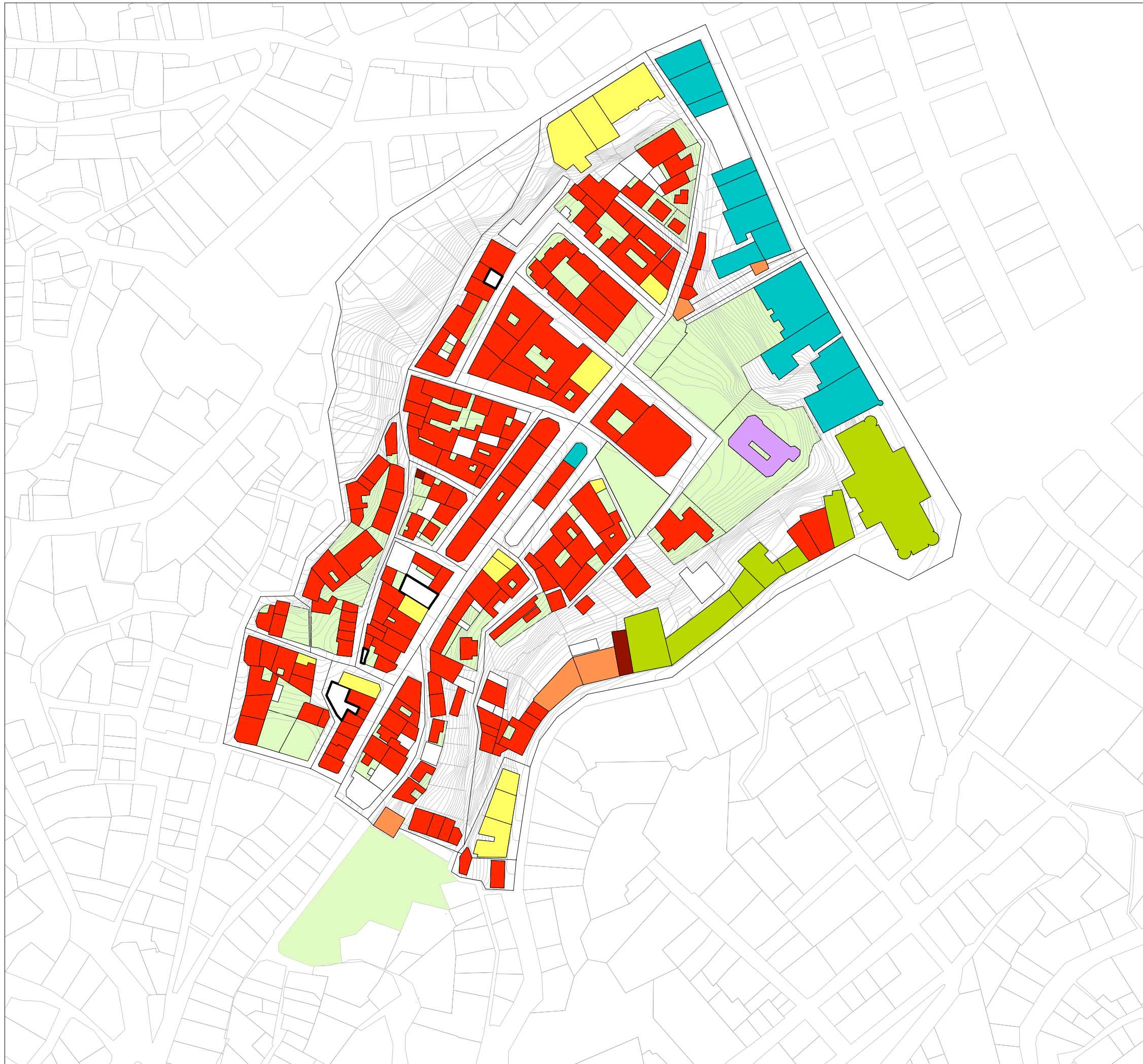




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03_Main function at the ground floor

- Administration - 3%
- Culture - 0%
- Handicraft - 1%
- Neighbourhood's commerce - 6%
- Other - 2%
- Residence - 76%
- Service - 2%
- Town commerce - 5%



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Cerro Cordillera's pilot project



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04_Recent transformations

-  Demolition
-  New building
-  Rehabilitation
-  Renovation



Demolition



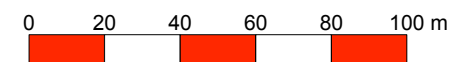
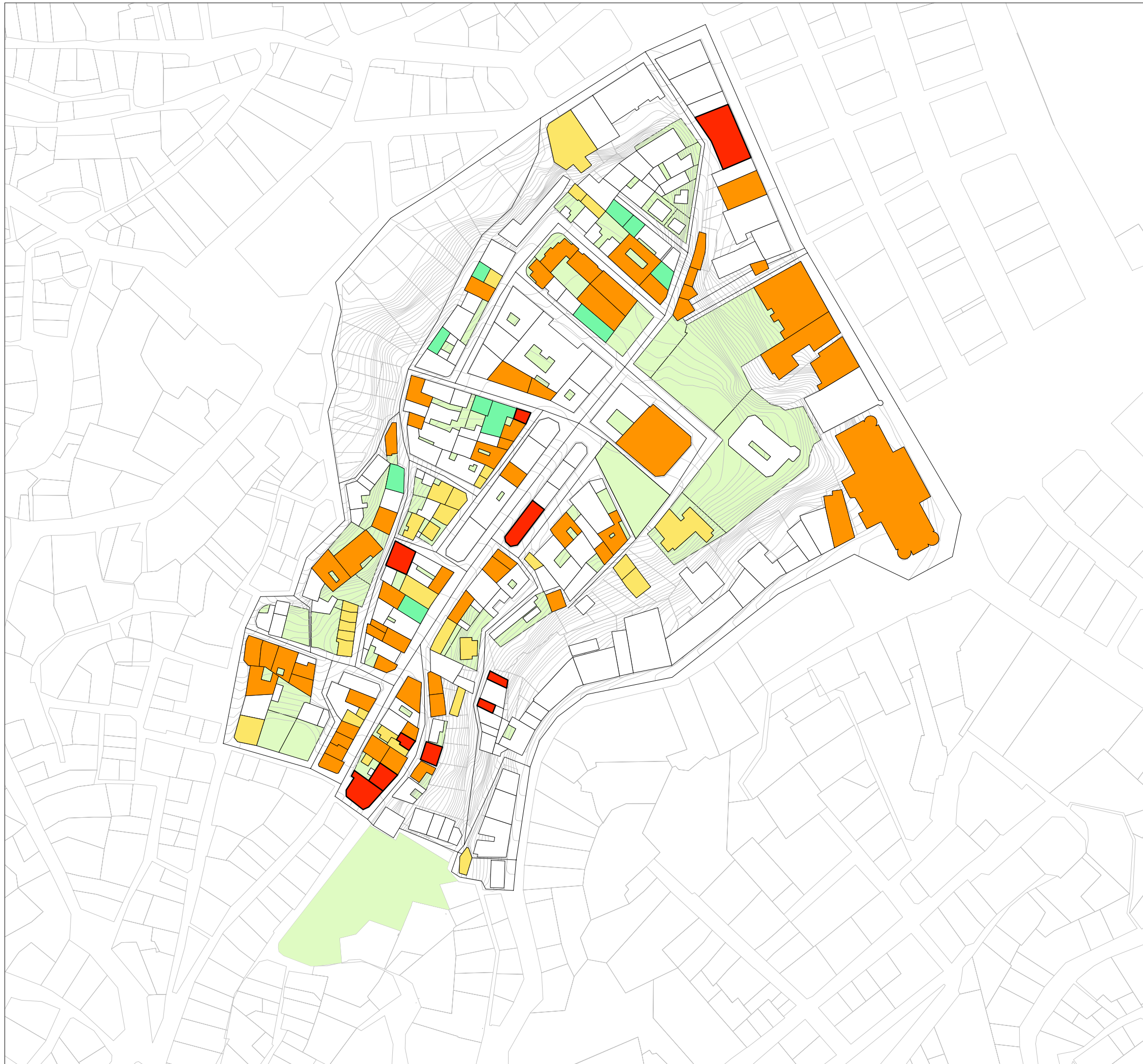
New building



Rehabilitation





Renovation

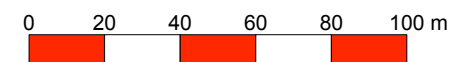
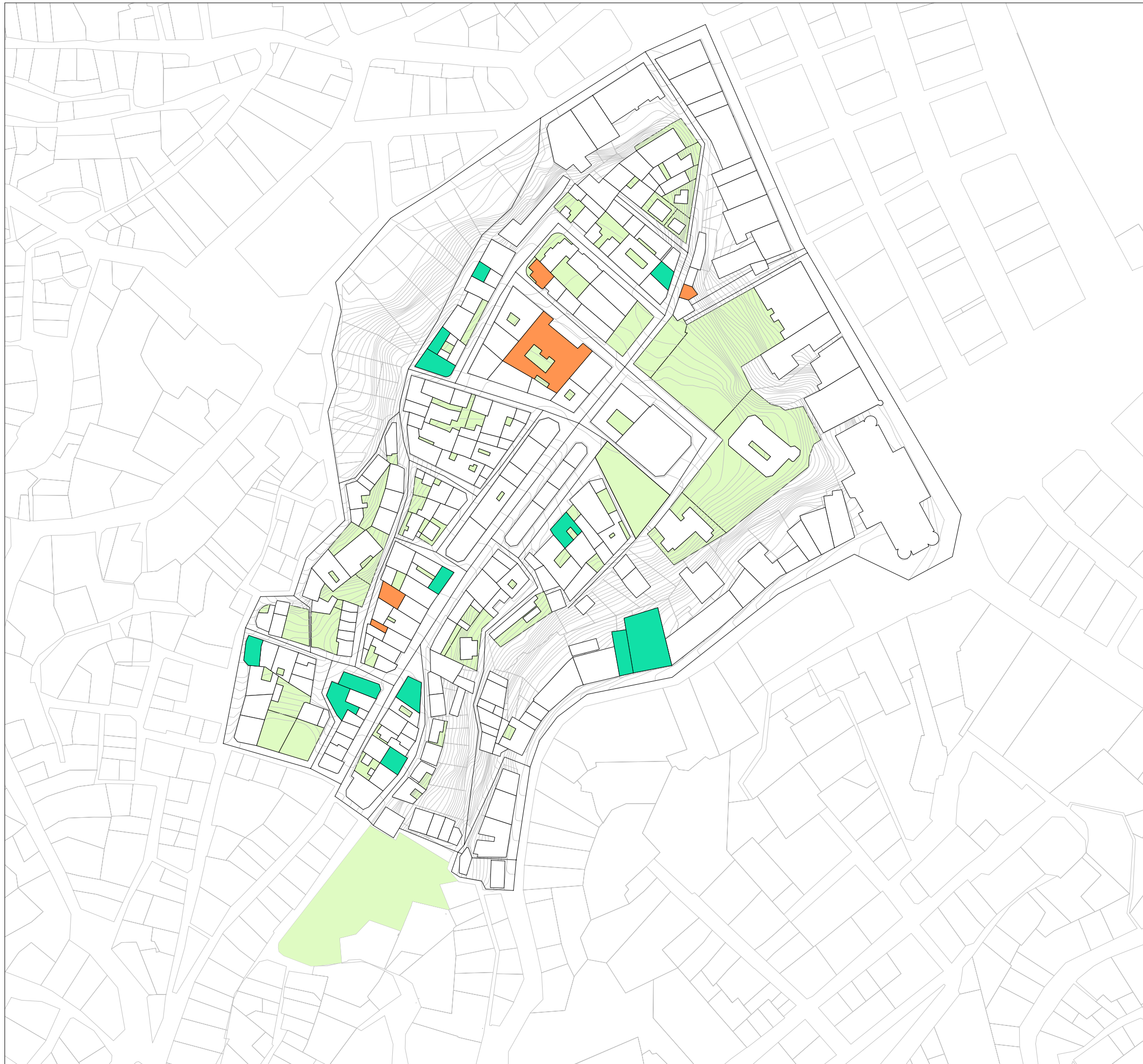




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05_Building's additions




-  Horizontal addition inconsistent
-  Vertica addition inconsistent

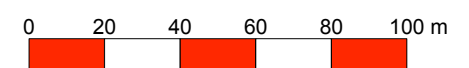




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06_Building's state of occupancy

-  Lived - 80%
-  Not lived - 5%
-  Partially lived - 10%





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07_Building's general conditions

- Bad - 24%
- Good - 22%
- Ordinary - 49%
- Ruin - 5%



Bad



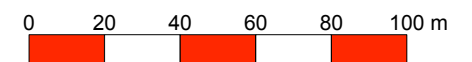
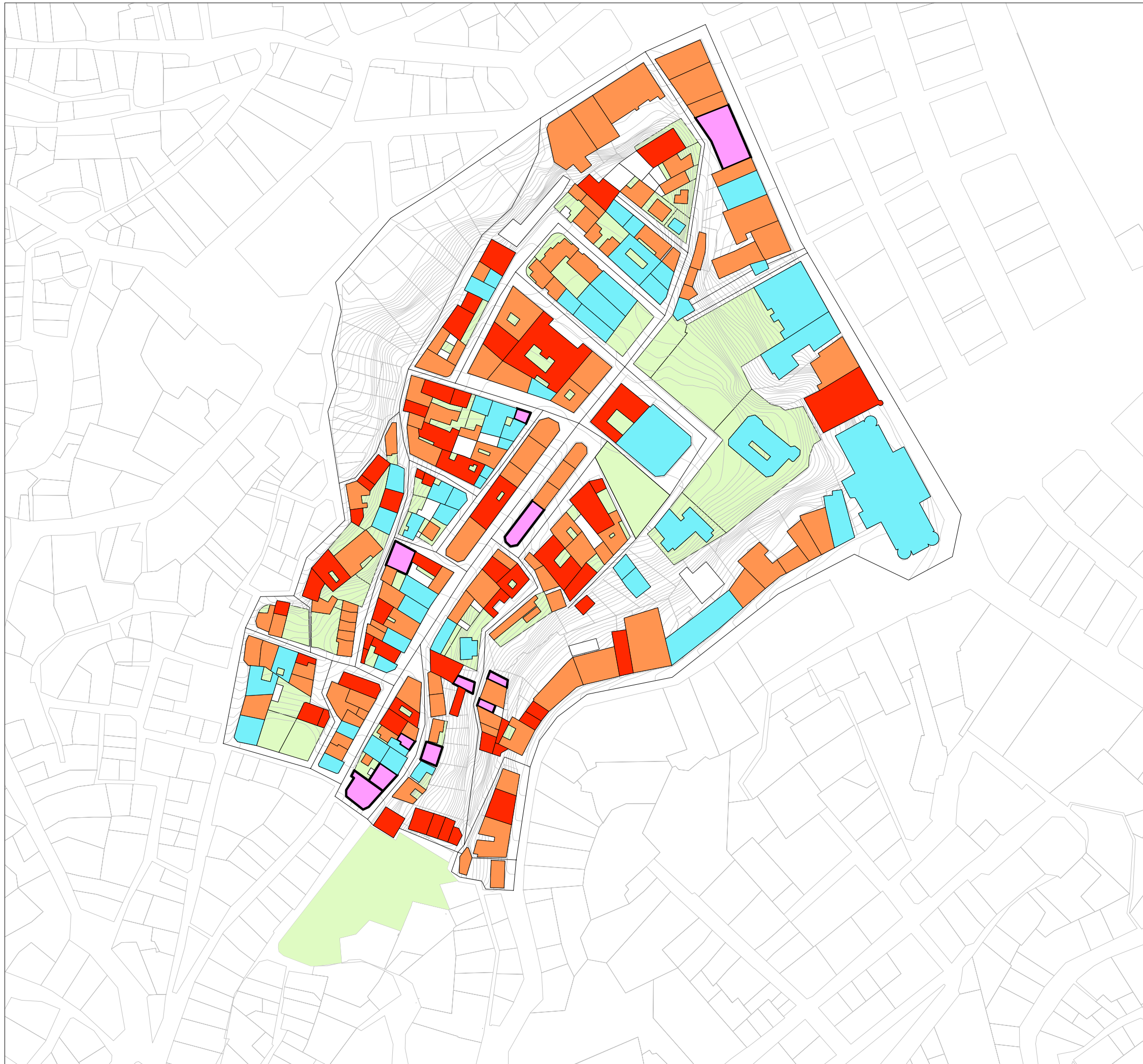
Good



Ordinary



Ruin





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08_Building's level of integrations

-  Ruin
-  Outstanding
-  Strong identity
-  Good integration
-  Contrast



Outstanding



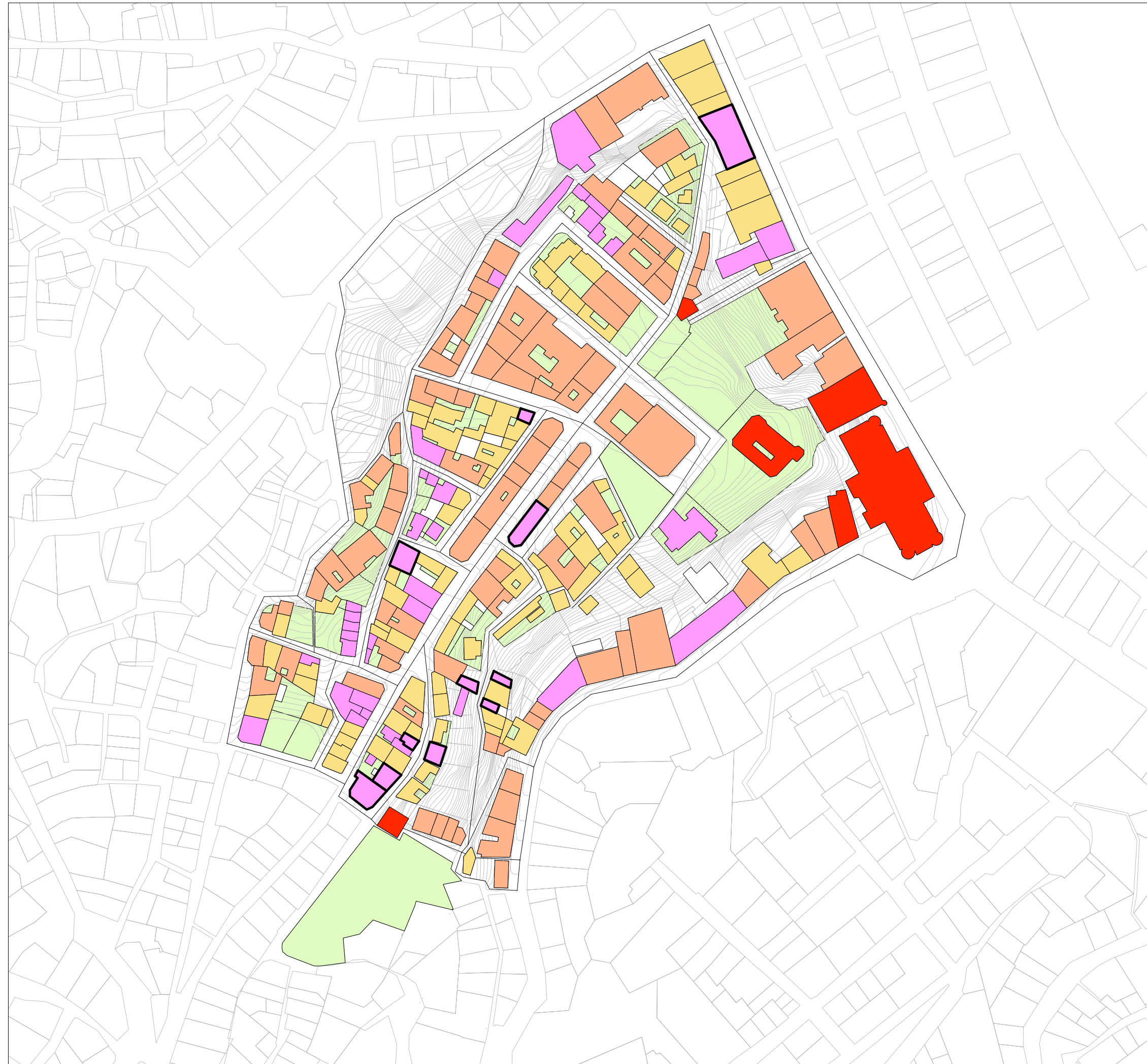
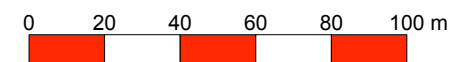
Strong identity



Good integration








Contrast

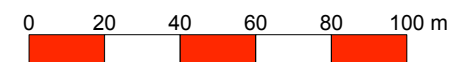
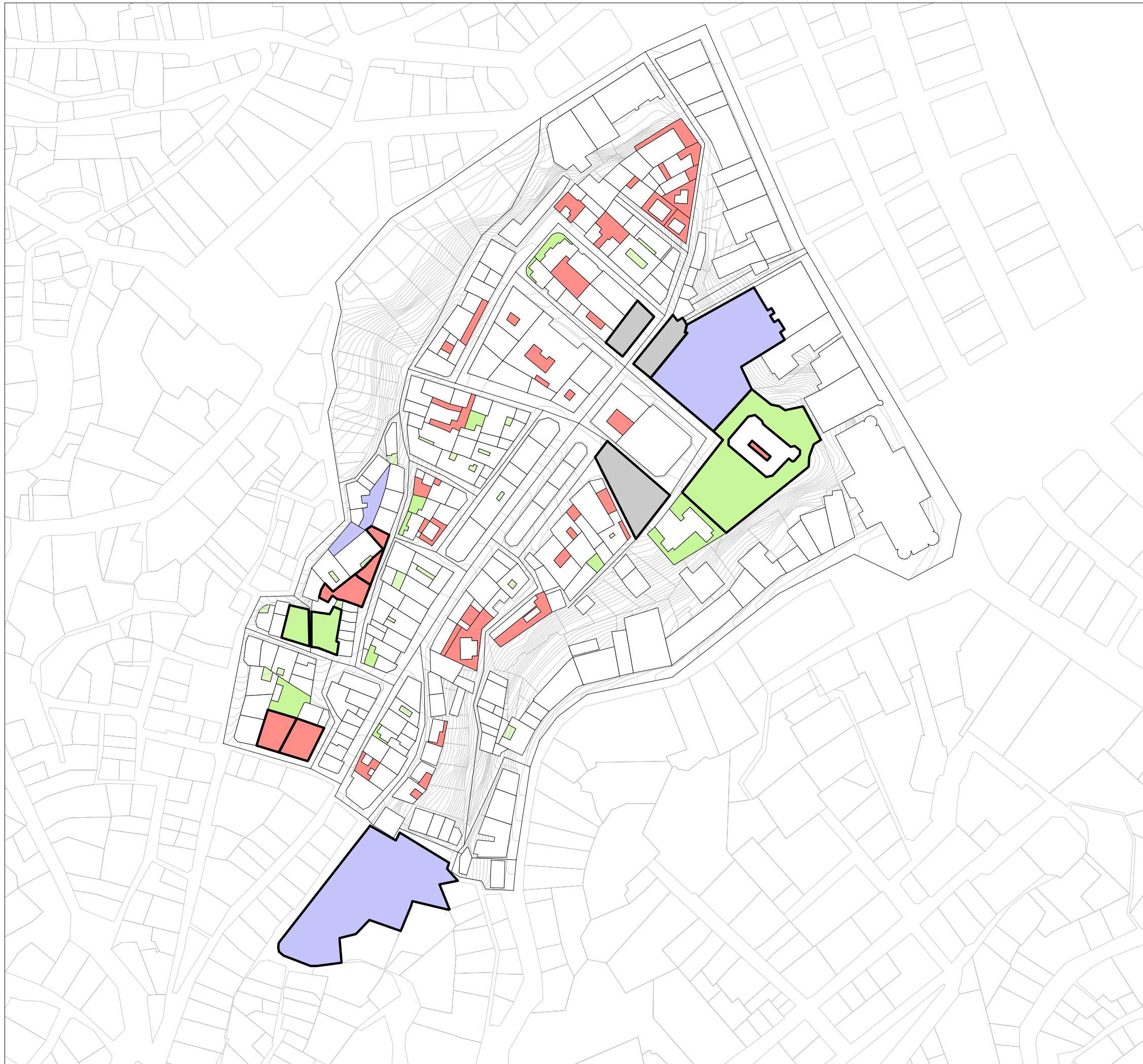


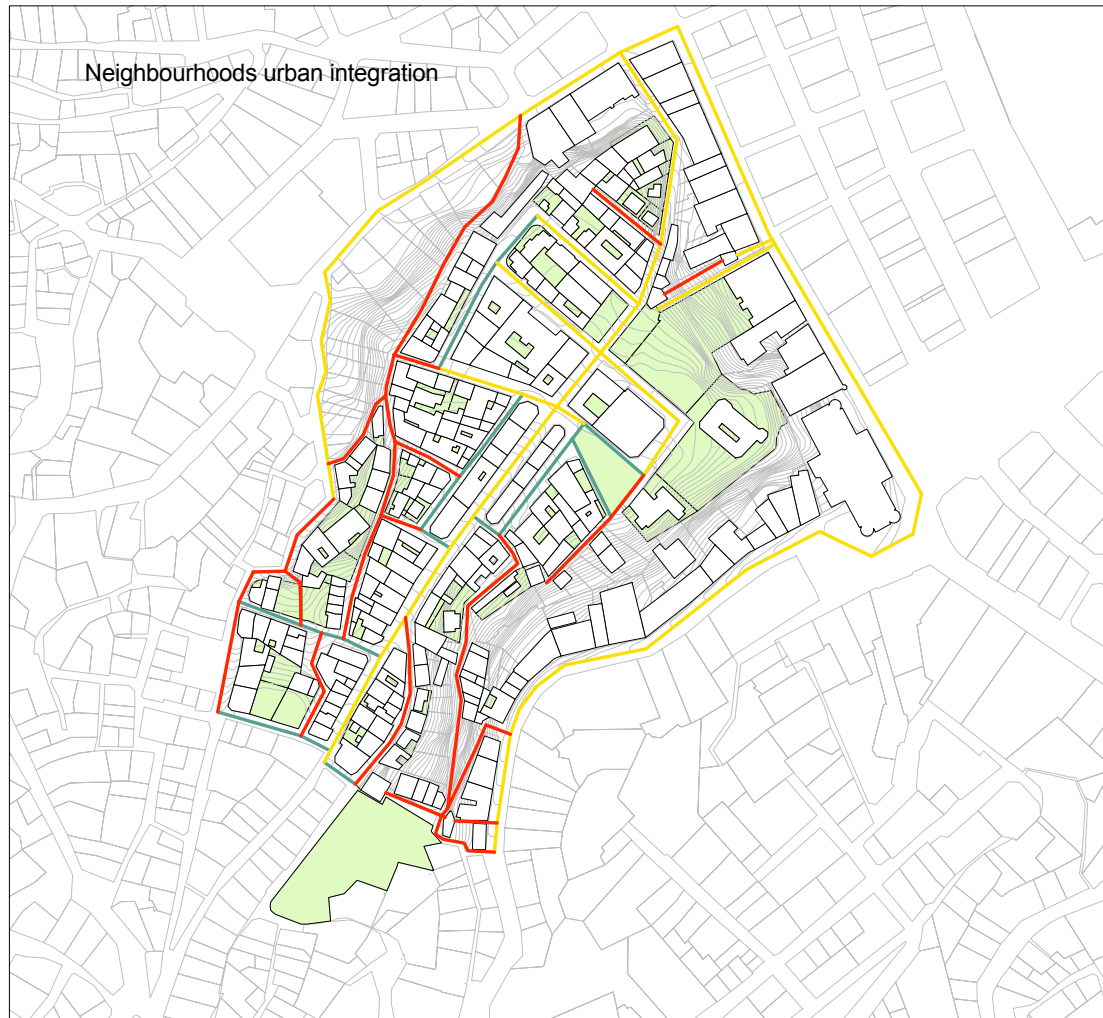
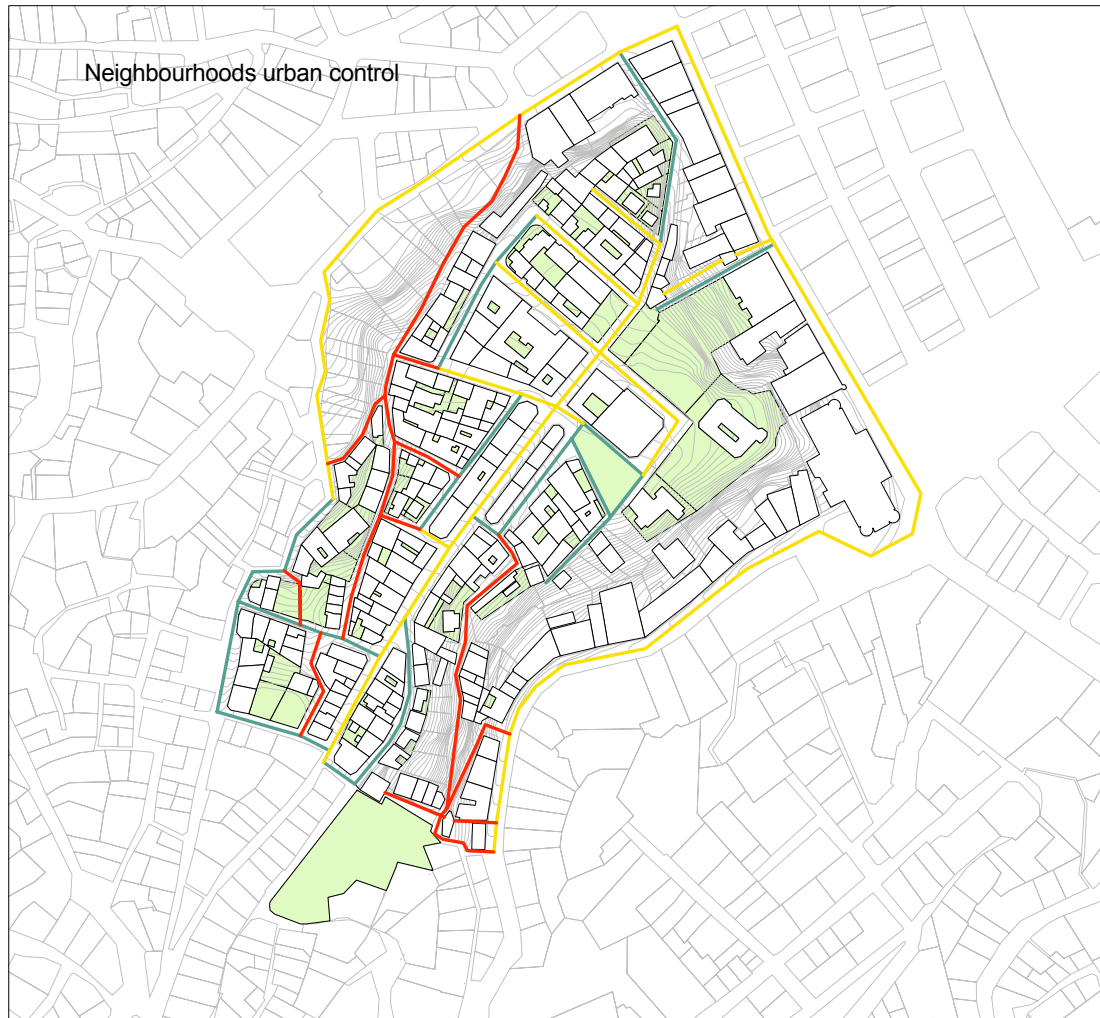


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09_Open spaces

-  Open space high level of interest
-  Courtyard
-  Garden
-  Square
-  Other









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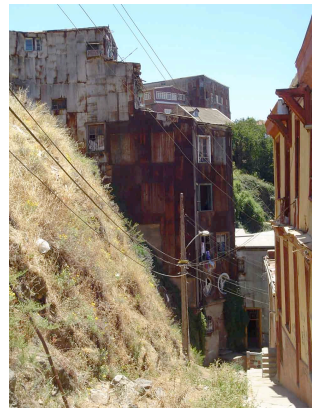
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00_Streets and paths

-  Good
-  Ordinary
-  Bad
-  Panoramic and picturesque streets



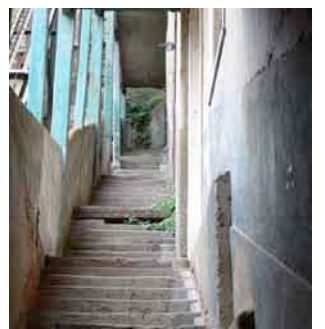
Calle Villagran



Calle Castillo

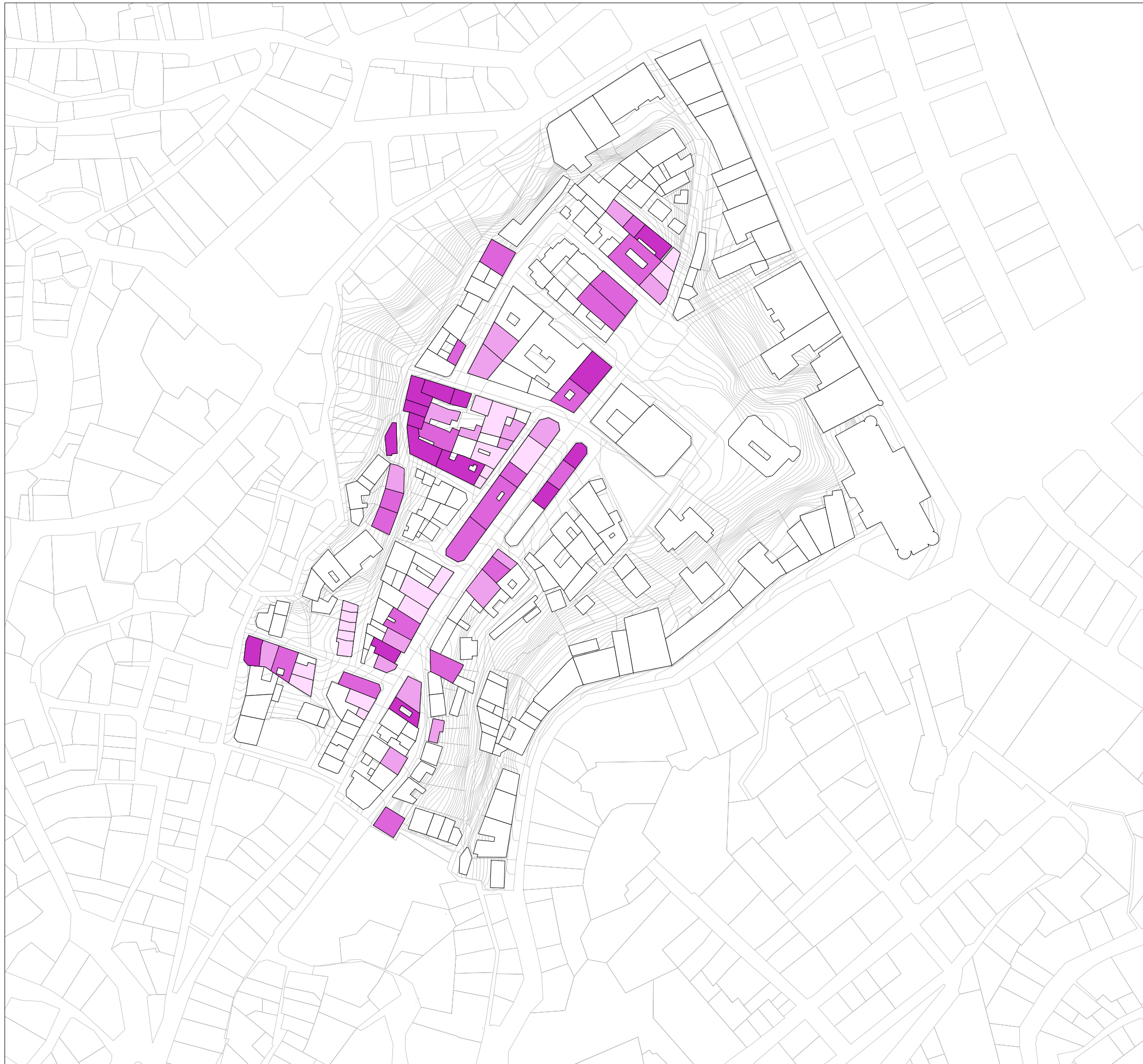


Ascensor Cordillera



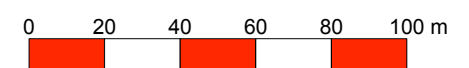


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11_Index of vulnerability








- 11% to 28%
- 28% to 44%
- 44% to 58%
- 58% to 90%

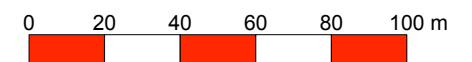
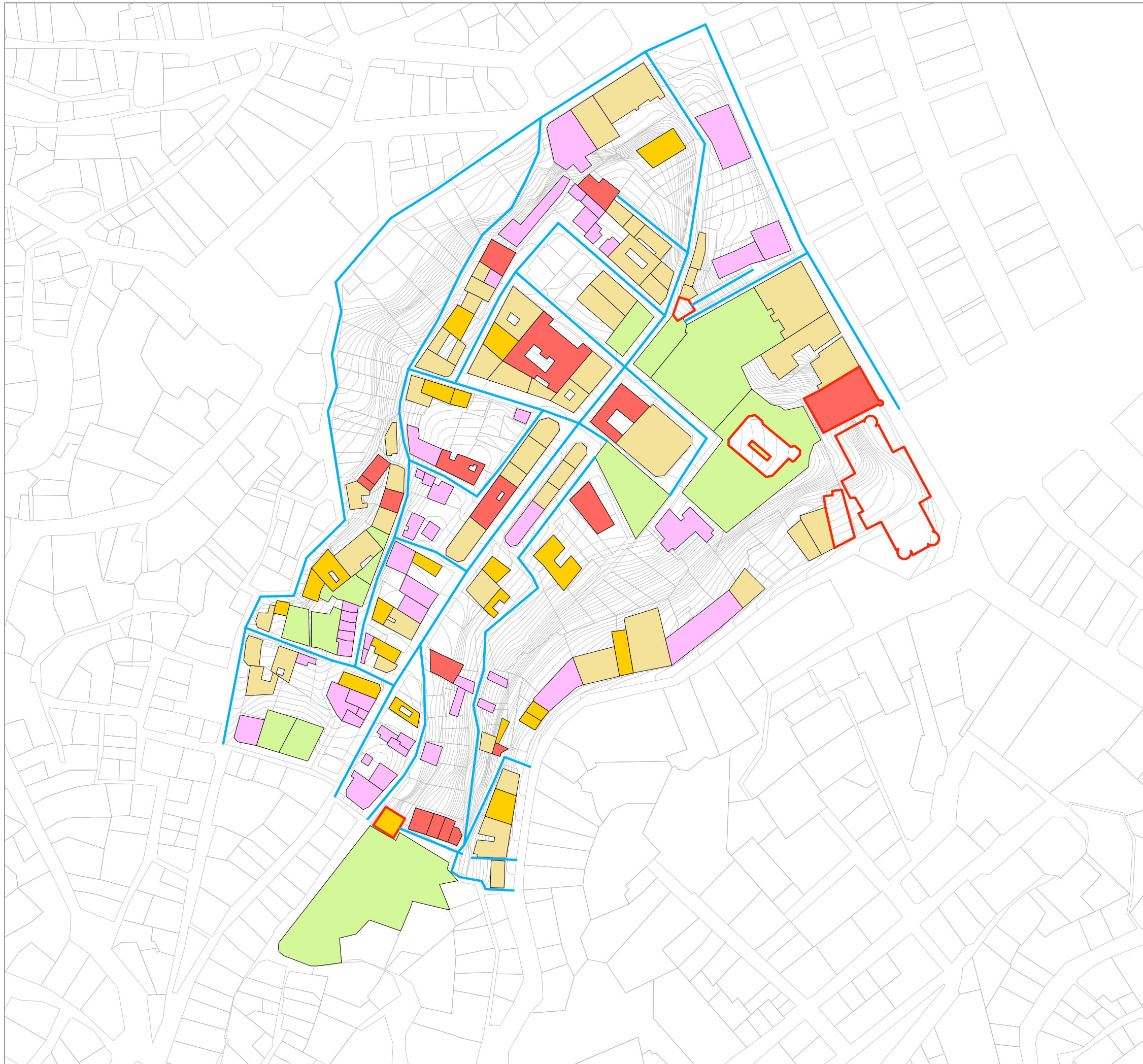




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12_Synthesis of the information

-  Outstanding buildings
-  High architectural quality - Bad condition
-  Medium architectural quality - Bad condition
-  Building's strong identity with the urban environment
-  Building's contrast with the urban environment
-  Open spaces with high level of interest
-  Streets and paths with high level of interest

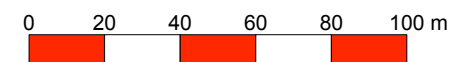
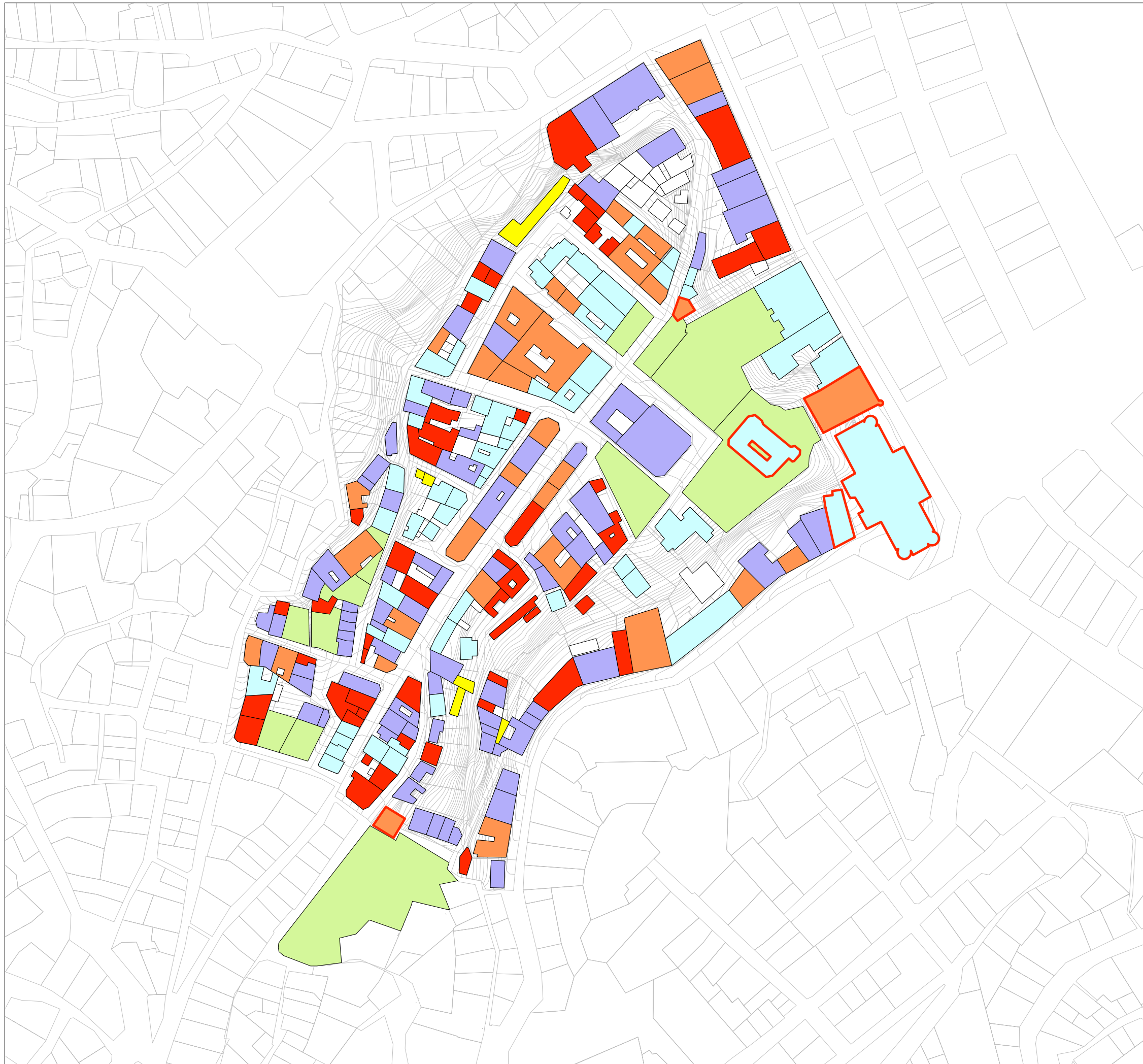




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13_Intervention categories

-  Outstanding buildings
-  Restoration
-  Rehabilitation
-  Re-development
-  Demolition
-  Ordinary maintenance
-  Open spaces high level

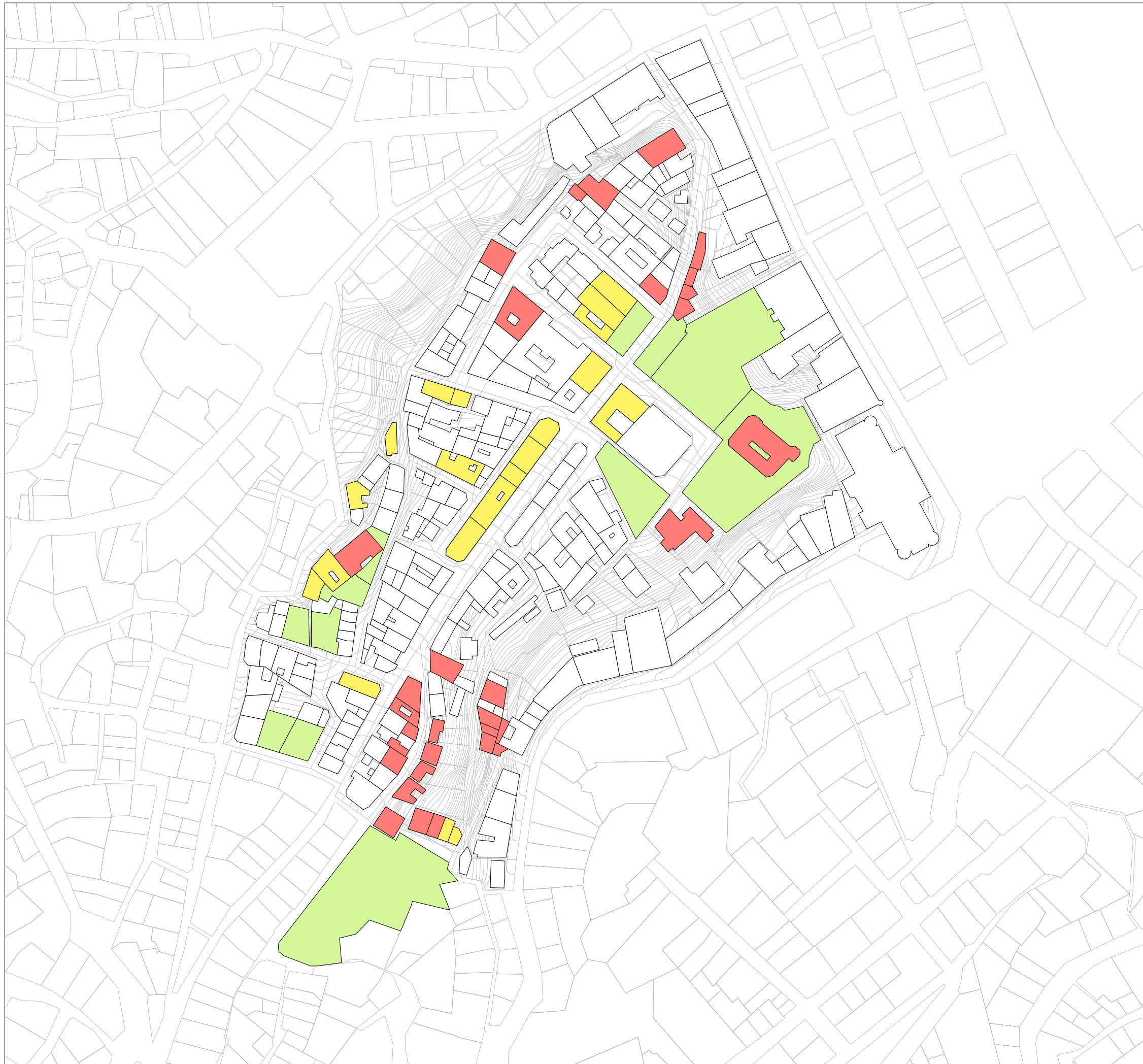




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14_Urban landmark system

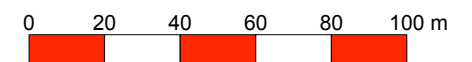
-  Landmark In
-  Landmark Out
-  Open spaces high level



Landmark In



Landmark Out

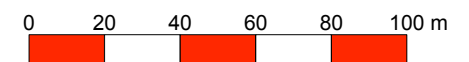
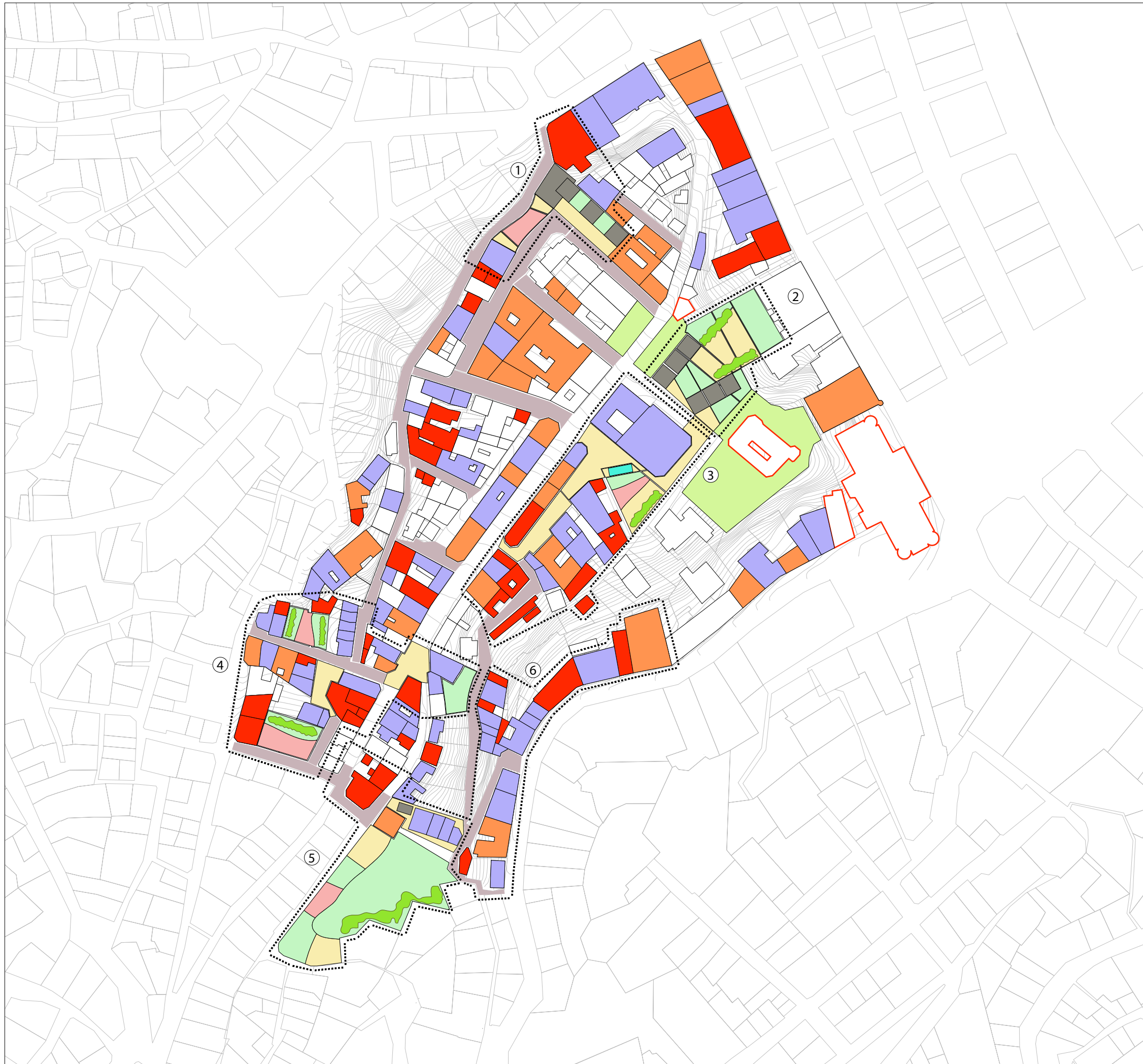




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15_Urban layout

- Outstanding buildings
 - Restoration
 - Rehabilitation
 - Re-development
 - New buildings
 - Existing open space to improve
 - New open spaces.
 Urban sport's facilities, gardens, open markets, others.
 - Street's system to improve
- ① Mirador Purcells's area
 Public Housing, new entrance to Cerro and open spaces
 - ② Cerro Cordillera Museo del Mar research area.
 Housings, workshops, exhibitions, public spaces
 - ③ Calle Castillo's area
 New public square
 - ④ Cerro Cordillera's new local public district
 Services, public housing, open spaces
 - ⑤ San Agustin's cable car area.
 Tourism facilities and new public park
 - ⑥ Calle Tomas Ramos's area
 Services, commerce, housing



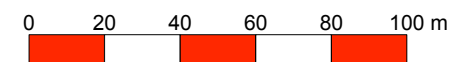


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16_Project network

- Outstanding buildings
- Restoration
- Rehabilitation
- Re-development
- New buildings
- Existing open space to improve
- New open spaces.
Urban sport's facilities, gardens, open markets, others.
- Street's system to improve
- ① Mirador Purcells's area
Public Housing, new entrance to Cerro and open spaces
- ② Cerro Cordillera Museo del Mar research area.
Housings, workshops, exhibitions, public spaces
- ③ Calle Castillo's area
New public square
- ④ Cerro Cordillera's new local public district
Services, public housing, open spaces
- ⑤ San Agustin's cable car area
Tourism facilities and new public park
- ⑥ Calle Tomas Ramos's area
Services, commerce, housing
- Relationships network project





General layout



Aerial view of the project area

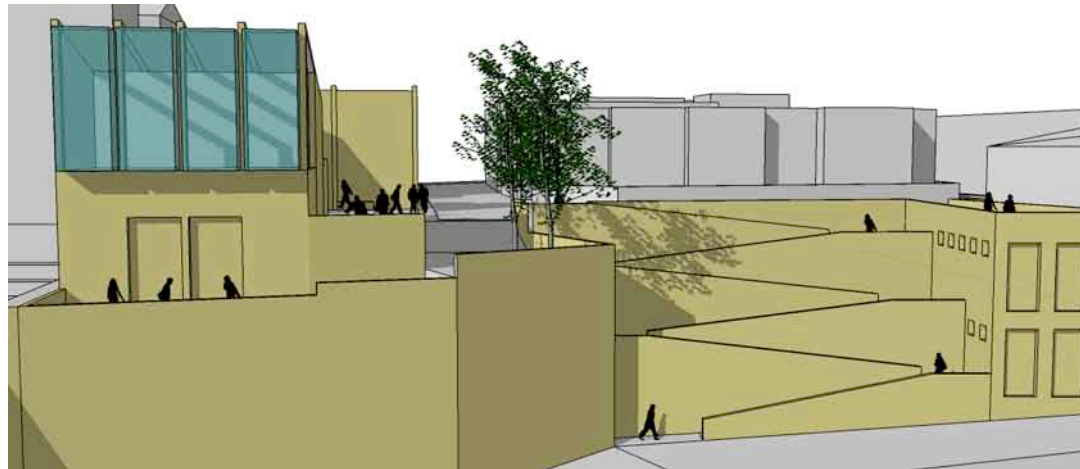
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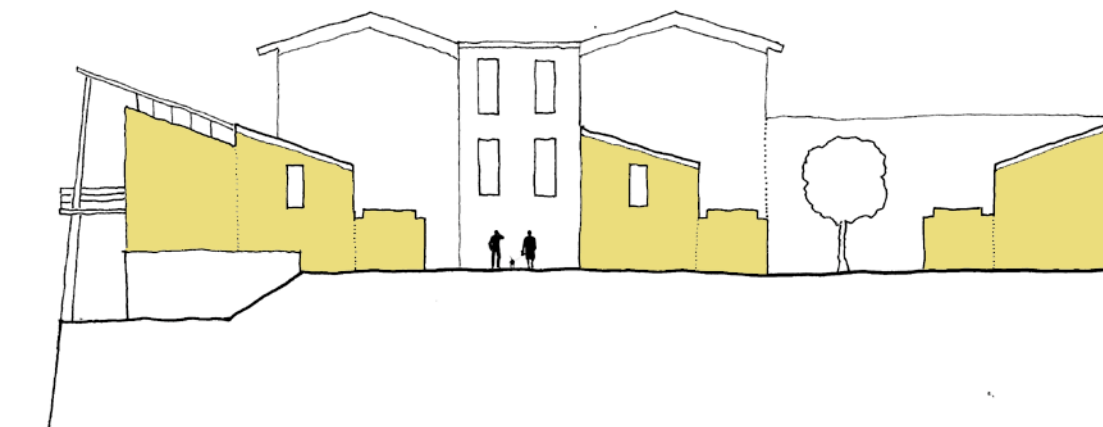
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17_Mirador Purcell area

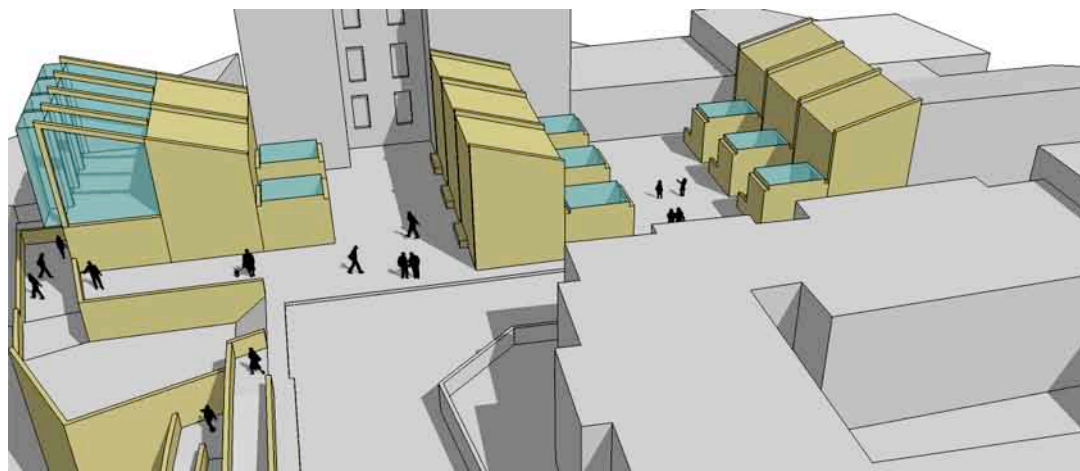
- ① New social housing area
- ② New entrance and Mirador for the Cerro Cordillera
- ③ New building for tourist facilities or public function



The new entrance to Cerro Cordillera through the Mirador Purcell

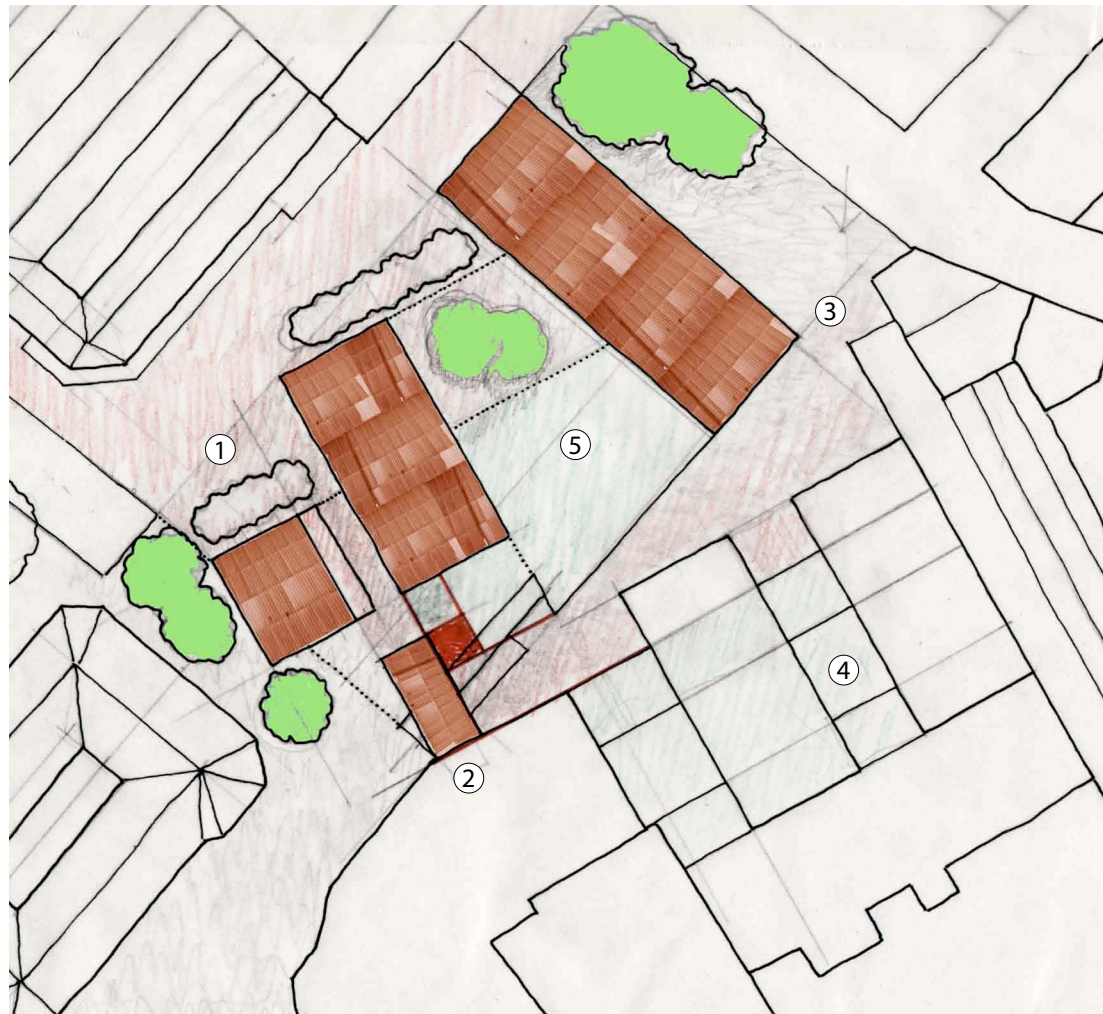


The public housing and the related open spaces - Elevation

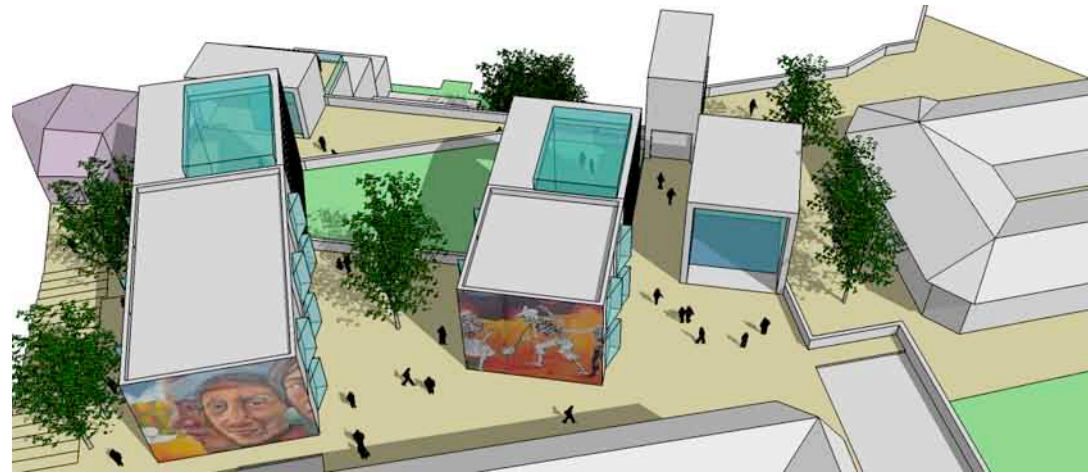


The public housing and the related open spaces





General layout



Aerial view of the project area



The new entrance for the Lord Cochrane Museum and the public elevator



Aerial view of the project area



The new entrance from Eleuterio Ramirez public square to the new research centre

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Cerro Cordillera's pilot project



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18_Lord Cochrane Museum area

- ① New entrance for "Lord Cochrane" Museum and possible tourist facilities
- ② New public elevator
- ③ New entrance from Eleuterio Ramire square for the new housing and research area
- ④ Housing and research area
- ⑤ New "Lord Cochrane" Museum addition



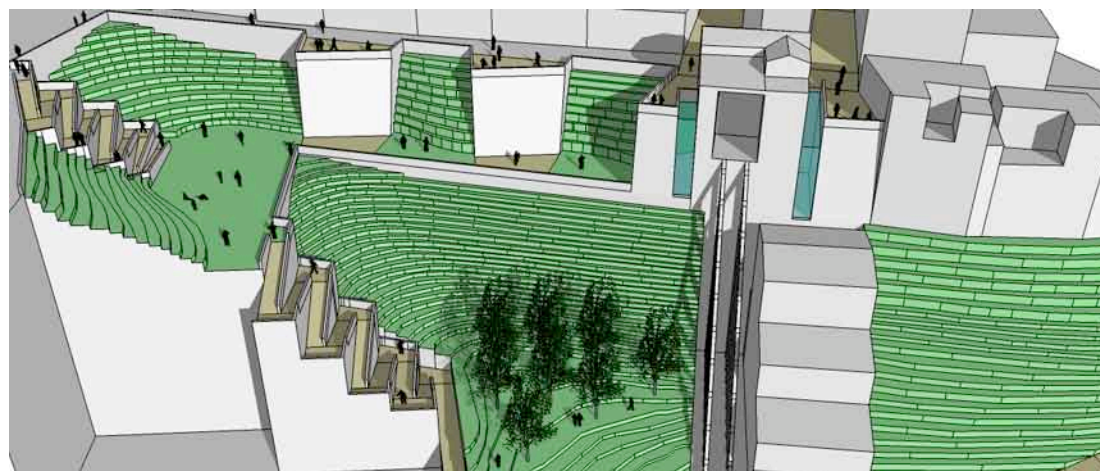
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19_San Agustin elevator area

- ① Entrance from the Cerro to the new public park
- ② Entrance from calle Ramon Tomas
- ③ New mirador and public space system
- ④ New public square
- ⑤ Redevelopment area. New building for tourism facilities



General layout



Aerial view of the project area

