

The Historical Centre of Porto
Building Characterization

The Historical Zone of Porto



The hillock of Sé



Clérigos



Batalha

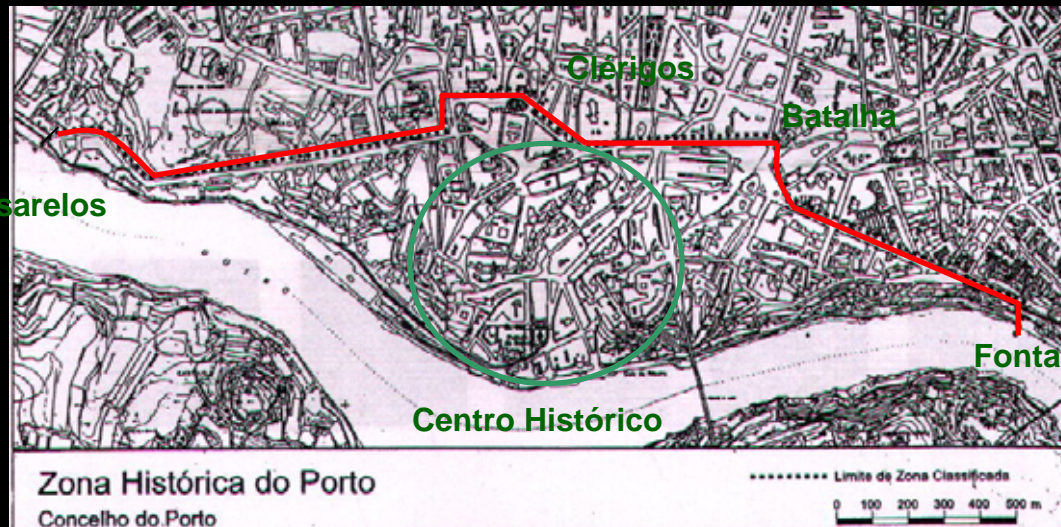


Guindais



Sé

Massarelos



Centro Histórico

Fontainhas



Fontainhas



Massarelos



The medieval town



The Constructions

The construction behaviour study is based on the following premises:

I The enfolding

II The building

The exterior

The interior

The structure and foundation



I The enfolding



The territory features



The city tissue



The architectonic model

I The surroundings

1.1 Environmental conditions

Climate conditions:

- Annual average temperature and annual averages of maximum and minimum
- Annual average precipitation
- Predominance of the winds
- Annual average insolation



Chemical pollution and agents

1.2 Ground characteristics for construction implantation:

Improper lands for construction

Poor geotechnical characteristics



Declivity lands



Stream beds of flood



Lands with embankment or hollowings in the vicinity

I The surroundings

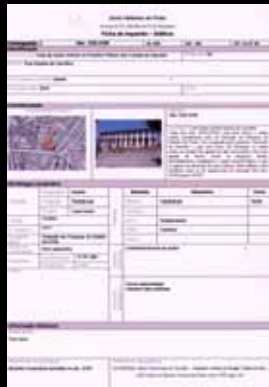
1.3 Urban morphology

Historical evolution of landscape occupation

Urban tracing characteristics

Architectonic typology

- In function of the building implantation: isolated construction
geminate construction
in band construction
in set construction
- In function of the building storeys: one-family construction
multi-familiar construction



II The building

2.1 The exterior – the envelope

Façade and exteriors walls

Covering

Window-frames



2.2 The interior

2.3 The structure and foundation



The Caldeireiros Street



Building Characterization

Urban front analysis

Objective: Building characterization by direct observation - project first phase

- **Localization: street name and building door- number**
- **Number of storeys: number of storey above door-sill**
- **Occupation type**
- **Dating: construction date or date proposal**
- **Constructive system: reference to an existing system and materials**
- **Preservation state: degree of material decay and presence of constructive anomalies**
- **Characterization levels: scant, shallow, moderate, elevated, very high**
- **Description of constructive language**
- **Date of card fulfilling (building observation)**

The Caldeireiros Street

The old Souto street used to go, in medieval times, (...), from Escura street and Bainharia street, into Porta do Olival, at Cordoaria.

In the year 1522 the opening of the Flores street cut the Souto street into two, and the larger part that remained to West of Vila river received new names (...). In spite of being called Ferraria de Cima since 1523, the old name Souto remained till 1544 - «Souto street, at Ferraria, up to Padrão de Santo Elói», can be read in a Hospital de Rocamador document of that year. Ferreiros street, or Souto dos Ferreiros, in 1545 and 1557. Souto street and Caldeiraria, in 1555.

The Ferraria name replaced the name Souto: - Ferraria Velha street, up to Padrão de Santo Elói (1635) or Ferraria de Cima street, Ferraria da Porta do Olival street (1658), Direita street that goes to Porta do Olival (1659).

The larger part between Flores street and Lóios square was called in 1635 Padrão street, below Padrão de Santo Elói; and in the year 1545 the superior larger part of the street to Porta do Olival (Cordoaria) was called Laje street, Lajea street or from Lajem, that means “every thing is the same” ...



XVI century



The Caldeireiros Street

Ferraria street and Laje street merged into «Laje street, or Ferraria, to Padrão de Santo Elói, going to Porta do Olival», (...).

We don't need to say that the name Caldeireiros, as well as Ferraria, were due to blacksmiths (ferreiros) and copper-smiths (caldeireiros) with their hospital of Nossa Senhora da Silva, mentioned in a 1603 document (...).

It was called Upper side (*de Cima*), because there was a Down side (*de Baixo*), Ferraria Nova, or from S. Nicolau, that nowadays corresponds to the Comércio do Porto street (...).

In 1682 the two brotherhoods, from the Upper side “*de Cima*” and from the Down side “*de Baixo*”, gated together. The hospital was located in Trás street.

And certainly by a Senhora da Silva miracle, every thing continues there...

FREITAS, Eugénio Andrea da Cunha e, *Toponímia Portuguesa*. p. 80 e 81



1892



XIX century

Campo Mártires da Pátria, n.º151, 153, corner with Rua de São Bento da Vitória, 96

Commerce and habitation building

Number of storeys: ground-floor+3+penhouse – 5 storeys

Occupation: ground-floor – commerce Pombeiro Pharmacy; storeys – habitation

Constructive system: stone work in the ground-floor and 1st floor; Saint Andreas cross (“collombage” or “ingabbiati”) in the remaining floors; plaster façades with salience to the Street of São Bento da Vitória; wood-partition with lath work lathed on the interior, pavements made with wood rafter, wood floor and ceiling; stone resistant wall in the interior.

Preservation state: **Scanty**, in ruin process

Anomalies: structural sitting and deformation with façade rotation; vertical crevice

Observation: request for reconstruction works (CMP). The top floor proceeds inhabit.



XVI century



2006



2007



Campo Mártires da Pátria, n.º 148, 149 e 150

Commerce and habitation building

Number of storeys: ground-floor +4 – 5 storeys

Occupation: ground-floor and 1st floor – commerce; storeys - habitation

Constructive system : stone work in the first 4 floors and wood masonry on the last; green rectangular tiles bevelled in the façade; wood window-frames

Preservation state : **Shallow**

Anomalies : vertical crevice at embrasure in load points; falling tiles and use of strong mortar in the cracks; stone incrustation; badly preserved window-frame

Observation :



XVIII century



Campo Mártires da Pátria, n.º 145, 146 e 147

Commerce and habitation building

Number of storeys: ground-floor +4+penthouse– 6 storeys

Occupation: ground-floor – commerce «A Principal da Borracha»; storeys - habitation

Constructive system : stone work and wood masonry at the backing floor; pattern tiles in the façade; wood window-frames

Preservation state : **Moderate**

Anomalies: some vertical crevices; open stone joint; stone incrustation

Observation :



XIX century



Campo Mártires da Pátria, n.º 143, 144 e 144A

Commerce and habitation building

Number of storeys: ground-floor +2 – 3 storeys

Occupation: ground-floor and 1st floor - commerce «Pau de Canela»; 2nd floor - vacant

Constructive system : stone work; carved stone; pattern tiles in the façade (XIX); wood window-frames

Preservation state : **Shallow**

Anomalies : structural sitting; vertical crevice; structural deformation; vegetable colonization; badly preserved window-frame; reconstruct works in the interior of the ground-floor (XX)

Observation : inscription *FACAMARA* on the right lintel



XVI/XVII century



Rua dos Caldeireiros, n.º 265, 263 e 265

Commerce and habitation building

Number of storeys: ground-floor +2+ penthouse – 4 storeys

Occupation: works

Constructive system : ground-floor –stone work on the exterior; new structure on the interior

Preservation state : **Elevated**

Anomalies : strong mortar; introduction of a new constructive system and materials

Observation : reconstruction works (XXI)



XIX century



Rua dos Caldeireiros, n.º 257 e 259, gaveto com a Travessa do Ferraz, 41 e 39

Commerce and habitation building

Number of storeys: ground-floor +2+ penthouse – 4 storeys

Occupation: ground-floor – commerce; storeys - habitation

Constructive system : stone work; wood masonry cover by roofing slate on the last floor; wood window-frames

Preservation state : **Moderate**

Anomalies : vertical crevice; painted stone; works of preservation with incompatible materials by the original structure

Observation :



(XVI century) XVII century



Rua dos Caldeireiros, n.º 251 e 253, gaveto com a Travessa do Ferraz

Commerce and habitation building

Number of storeys: 1+ ground-floor +3 – 5 storeys

Occupation: ground-floor – commerce; storeys - habitation

Constructive system : stone work; pattern tiles in the façade; wood window-frames

Preservation state : **Shallow**

Anomalies : stone incrustation; strong mortar; open stone joint; light structural sitting

Observation : “repair” work



(XVII century) XIX century



Rua dos Caldeireiros, n.º 247 e 249

Commerce and habitation building

Number of storeys: ground-floor +2 – 3 storeys

Occupation: ground-floor – commerce; storeys - habitation

Constructive system : stone work; wood window-frames

Preservation state : **Shallow**

Anomalies : structural sitting and deformation; balcony stone with crevice

Observation : former ground-floor



(XVI century) XVIII-XIX centuries



Rua dos Caldeireiros, n.º 243 e 245

Commerce and habitation building

Number of storeys : ground-floor +2+rec – 4 storeys

Occupation: vacant

Constructive system : stone work; wood masonry covered by roofing slate on the last floor

Preservation state : **Shallow**

Anomalies : structural deformation on the ground-floor; vegetable colonization; stone incrustation

Observation : former ground-floor



(XVI century) XVIII-XIX century



Rua dos Caldeireiros, n.º 239 e 241

Commerce and habitation building

Number of storeys: ground-floor +2+1 – 4 storeys

Occupation: vacant

Constructive system: stone work; wood masonry on the last floor; wood window-frames

Preservation state : **Shallow**

Anomalies: some structural deformation on the ground-floor; vegetable colonization; stone incrustation

Observation : former ground-floor



(XVI century) XVIII-XIX century



Rua dos Caldeireiros, n.º 237 e 239

Commerce and habitation building

Number of storeys: ground-floor +2+1 – 4 storeys

Occupation: ground-floor – commerce; storeys - habitation

Constructive system: stone work; wood masonry on the last floor; pattern tiles in the façade and roofing slate on the last floor; wood window-frames

Preservation state : **Moderate**

Anomalies: stone incrustation

Observation :



XV century



Rua dos Caldeireiros, n.º 231, 233 e 235

Commerce and office building

Number of storeys: ground-floor +3 – 4 storeys

Occupation: ground-floor – commerce; storeys - offices

Constructive system: stone work; pattern tiles in the façade and roofing
slate on the last floor; wood window-frames

Preservation state : **Moderate**

Anomalies: stone incrustation; badly preserved wood window-frames

Observation :



XIX century



Rua dos Caldeireiros, n.º 227 e 229

Commerce and office building

Number of storeys: ground-floor +2+1 – 4 storeys

Occupation: Parochial Social Centre

Constructive system: stone work and wood masonry on the last floor;
pattern tiles in the façade and roofing slate on the last floor;
wood window-frames

Preservation state: **Elevated**

Anomalies: stone incrustation

Observation : reconstruction works



XVIII/XIX century



Rua dos Caldeireiros, n.º 225, 225A e 225B

Commerce and office building

Number of storeys: ground-floor +2 – 3 storeys

Occupation: ground-floor – commerce «Vidraria Fonseca»

Constructive system: stone work; pater tiles in the façade; wood window-frames

Preservation state: **Moderate**

Anomalies: stone incrustation; light structure deformation

Observation:



XVII/XVIII century



Rua dos Caldeireiros, n.º 221 e 223

Commerce and office building

Number of storeys: ground-floor +2+ penthouse– 4 storeys

Occupation: ground-floor – commerce «Vidraria Fonseca»; storeys - offices

Constructive system: stone work

Preservation state: **Elevated**

Anomalies:

Observation: reconstruction works



XVII/XVIII century



Rua dos Caldeireiros, n.º 217A e 219

Commerce and habitation building

Number of storeys: ground-floor +3 – 4 storeys

Occupation: ground-floor – commerce; storeys – habitation

Constructive system: stone work; pattern tiles in the façade and roofing
slate on the lateral wall; wood and aluminium window-frames

Preservation state: **Scanty**

Anomalies: vertical crevice; falling tiles; stone incrustation; moss; granular disintegration

Observation: degradation process



XVIII/XIX century



Rua dos Caldeireiros, n.º 215 e 217

Commerce and habitation building

Number of storeys: ground-floor +2+ penthouse – 4 storeys

Occupation: ground-floor – commerce: storeys - habitation

Constructive system: stone work; pattern tiles in the façade; aluminium window-frames

Preservation state: **Moderate**

Anomalies: falling tiles; strong mortar at stone joints

Observation:



XIX century



2006



2007



2006



Rua dos Caldeireiros, n.º 211 e 213

Commerce and habitation building

Number of storeys: ground-floor +2+ penthouse – 4 storeys

Occupation: ground-floor – commerce; storeys – habitation

Constructive system: stone work at ground-floor and stone work in wood masonry in the pavements; aluminium window-frames; wood eaves

Conservation state: **Shallow**

Anomalies: vertical crevice; paint rise up in blisters; humidity stains; new materials introduction

Observation:



XVI century

License 702/1940 – to modify the building



Rua dos Caldeireiros, n.º 207 e 209

Commerce and habitation building

Number of storeys: ground-floor +2+ penthouse – 4 storeys

Occupation: ground-floor – commerce; storeys – habitation (2006)/ vacant (Feb. 2007)

Constructive system: stone work at ground-floor and wood masonry in the 1st and 2nd floor; balcony structure, embrasure frame and eaves made in wood; aluminium window-frames

Preservation state: **Scanty**, in ruin process

Anomalies: structural decay; structural sitting with vertical crevice; wood putrefaction

Observation: total structural decay (2006). It was interdicted in 2007.



XVI century



2006



2007



2006



Rua dos Caldeireiros, n.º 201, 203 e 205

Habitation building

Number of storeys: ground-floor +3 – 4 storeys

Occupation: habitation

Constructive system: stone work and brick and concrete masonry;
aluminium window-frames; pattern tiles and rough-cast in the
façade

Preservation state: **Moderate**

Anomalies: new structural system

Observation: reconstructed building



(XVI century) XX century



Rua dos Caldeireiros, n.º 195, 197 e 199

Commerce and habitation building

Number of storeys: ground-floor +3 – 4 storeys

Occupation: ground-floor – commerce; storeys - habitation

Constructive system: stone work; pattern tiles in the façade; wood window-frames

Preservation state : **Elevated**

Anomalies: stone incrustation, vegetable colonization

Observation: reconstruction work



XIX century



Rua dos Caldeireiros, n.º 191 e 193

Commerce and habitation building

Number of storeys: ground-floor+2 – 3 storeys

Occupation: vacant

Constructive system: stone work; stone cornice and wood eaves; gargoyle;
wood and aluminium window-frames

Preservation state: **Scanty**

Anomalies: vertical crevice; stone incrustation; strong mortar in the stone joints

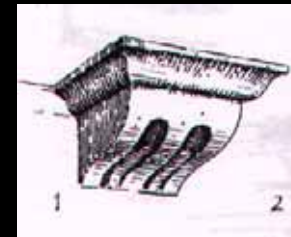
Observation: structural decay



XVI/XVII century

License 149/1937 – to enlarge the building

License 427/1963 – works legalization



Rua dos Caldeireiros, n.º 187 e 189

Commerce and habitation building

Number of storeys: ground-floor+2 – 3 storeys

Occupation: vacant

Constructive system: stone work at ground-floor and brick in wood structure at 1st and 2nd floors; rough-cast in the façade; window-frames and embrasure, balcony structure and eaves in wood

Preservation state: **Scanty**, in ruin process

Anomalies: total structural decay

Observation: inscription *FACAMARA* on the left lintel



XVI century



Rua dos Caldeireiros, n.º 183 e 185

Commerce and habitation building

Number of storeys: ground-floor+2 – 3 storeys

Occupation: vacant

Constructive system: stone work at ground-floor and 1st floor, and brick in wood structure at 2nd floor; window-frames, embrasure and balcony structure in the 2nd floor in wood; rough-cast in façade

Preservation state: **Scanty**, in ruin process

Anomalies: total structure decay; vertical crevice; wood putrefaction; vegetable colonization; stone incrustation

Observation: inscription *FACAMARA* on the left lintel



XVI/XVII century



Rua dos Caldeireiros, n.º 181 e 181A

Commerce and habitation building

Number of storeys: ground-floor+2 – 3 storeys

Occupation: ground-floor – commerce; storeys - habitation

Constructive system: stone work and concrete masonry; window-frames and eaves in wood

Preservation state: **Moderate**

Anomalies: ink rise up in blisters; humidity stains

Observation: constructive system from the beginning of XX century



XX century



Rua dos Caldeireiros, n.º 175, 177 e 179

Commerce and habitation building

Number of storeys: ground-floor+1+2 – 4 storeys

Occupation: ground-floor – commerce; storeys - habitation

Constructive system: stone work at ground-floor and 1st floor

Preservation state: **Moderate**

Anomalies: vegetable colonization; strong mortar; blisters

Observations: reconstruction work



XIX/XX century



Rua dos Caldeireiros, n.º 167, 169, 171 e 173

Commerce and habitation building

Number of storeys: ground-floor+2 – 3 storeys

Occupation: ground-floor – commerce; storeys - habitation

Constructive system: stone work; wood window-frame; pattern tiles in the façade

Preservation state: **Elevated**

Anomalies: vegetable colonization

Observation: reconstruction work



XIX century

License 137/1972 – to modify the building



Rua dos Caldeireiros, n.º 161, 163 e 165, gaveto com a Rua da Vitória

Commerce and habitation building

Number of storeys: 1+ground-floor+2 – 4 storeys

Occupation: ground-floor – commerce «Casa Xavier»; pavements - habitation

Constructive system: stone work

Preservation state: **Elevated**

Anomalies: ink rise up in blisters

Observations: reconstruction work



XIX century

License 102/1978 – to enlarge and to modify the building



Rua dos Caldeireiros, gaveto com a Rua da Vitória, n.º 1 e 5

Commerce building

Number of storeys: 1+ground-floor+1 – 3 storeys

Occupation: ground-floor – commerce «Lúcio Saraiva»

Constructive system: stone work; wood window-frames

Preservation state: **Shallow**

Anomalies: vertical crevice; cracks in the rough-cast; vegetable colonization

Observation:



XIX century



Rua dos Caldeireiros, n.º 153 e 155

Commerce and habitation building

Number of storeys: ground-floor+2 – 3 storeys

Occupation: ground-floor – commerce «Tipografia Vitória»; storeys – 1st floor - vacant and 2nd floor - habitation

Constructive system: stone work; wood window-frames

Preservation state: **Shallow**

Anomalies: cracks and rise up in blister of the rough-cast; crevices; stone incrustation

Observation:



XV century

License 57/1967 – to enlarge the building



Rua dos Caldeireiros, n.º 147, 149 e 151

Commerce and habitation building

Number of storeys building +3 – 4 storeys

Occupation: building and 1st floor – commerce: church-vestment shop «**Carvalho & Irmão**»; storeys – 2nd floor - vacant and 3th floor - habitation

Constructive system: stone work in the first 3 floors; wood masonry with lath work; pattern tiles in the façade

Preservation state: **Shallow**

Anomalies: light structural sitting and deformation; vegetable colonization and stone incrustation; light granular disintegration; badly preserved window-frame; tiles crevice

Observation: decay process



XVII/XVIII century

License 1291/1921 – terrace construction

License 928/1922 – portal opening



Rua dos Caldeireiros, n.º 143 e 145

Commerce and habitation building

Number of storeys: building +4 – 5 storeys

Occupation: building – commerce «A Central da Borracha»

Constructive system: stone work; pattern tiles in the façade; aluminium window-frames

Preservation state: **Moderate**

Anomalies: light stone incrustation

Observation: reconstruction work



XIX century

License 324/1920 – to enlarge the warehouse

License 741/1962 – works legalization



Rua dos Caldeireiros, n.º 137, 139 e 141

Commerce and office building

Number of storeys: ground-floor+2+ penthouse – 4 storeys

Occupation: ground-floor – commerce; storeys – offices

Constructive system: stone work; pattern tiles in the façade; wood window-frames

Preservation state: **Elevated**

Anomalies:

Observations: reconstruction work



XVIII century

License 179/1990 – to modify the building



Rua dos Caldeireiros, n.º 131, 133 e 135

Commerce and habitation building

Number of storeys :ground-floor+2 – 3 storeys

Occupation: vacant

Constructive system: stone work; rough-cast and wood window-frames

Preservation state: **Scant**

Anomalies: structural decay; vertical crevices; sitting foundation; vegetable colonization; stone incrustation; badly preserved window-frames

Observation:



XVII century

License 562/1954 – to enlarge the building



Rua dos Caldeireiros, n.º 125, 127 e 129

Commerce and habitation building

Number of storeys: ground-floor+2 – 3 storeys

Occupation: ground-floor – commerce; storeys - habitation

Constructive system: stone work and concrete masonry; pattern tiles in the façade; wood window-frames

Preservation state: **Moderate**

Anomalies: stone incrustation

Observation:



XX century



Rua dos Caldeireiros, n.º 119, 121 e 123

Commerce and office building

Number of storeys: ground-floor+3 – 4 storeys

Occupation: ground-floor – commerce: typography «Manuel Cunha»;
storeys – offices: vacant

Constructive system: stone work; brick and concrete masonry on the last
floor; pattern tiles in the façade; wood and aluminium
window-frames

Preservation state: **Moderate**

Anomalies: stone incrustation; crevice

Observation: new internal structure



XIX/XX century

License 815/1938 – warehouse construction

License 259/1945 – to modify the building



Rua dos Caldeireiros, n.º 113, 115 e 117

Commerce and office building

Number of storeys: ground-floor+3 – 4 storeys

Occupation: ground-floor – commerce: store; storeys - offices

Constructive system: stone work; brick and concrete masonry on the last floor; wood window-frames

Preservation state: **Elevated**

Anomalies:

Observation: reconstruction work



XIX/XX century

License 610/1948 – outbuilding construction



Rua dos Caldeireiros, n.º 107, 109 e 111

Commerce and habitation building

Number of storeys: ground-floor+3 – 4 storeys

Occupation: ground-floor – commerce; storeys - habitation

Constructive system: stone work; rectangular tiles bevelled in the façade;
wood window-frame

Preservation state: **Shallow**

Anomalies: vertical crevice; open stone joint; badly preserved interior;
stone incrustation; falling tiles; badly preserved window-
frame; broken glass

Observation: structural decay



XIX century



Rua dos Caldeireiros, n.º 103 e 105

Commerce and habitation building

Number of storeys: ground-floor+2+ penthouse – 4 storeys

Occupation: ground-floor – commerce: vacant; storeys - habitation

Constructive system: stone work; rectangular tiles bevelled in the façade;
wood and aluminium window-frames

Preservation state: **Shallow**

Anomalies: structural deformation; vegetable colonization; stone
incrustation; wood putrefaction; tiles rise up; painted stone

Observation: decay process



(XVI century) XVII century



Rua dos Caldeireiros, n.º 99 e 101

Commerce and habitation building

Number of storeys: ground-floor+2 – 3 storeys

Occupation: ground-floor – commerce; storeys - habitation

Constructive system: stone work; rectangular tiles bevelled in the façade;
wood window-frames

Preservation state: **Shallow**

Anomalies: structural deformation; vegetable colonization; wood putrefaction; tiles rise up; painted stone; granular disintegration

Observation: decay process



XV century



Rua dos Caldeireiros, n.º 95 e 97

Commerce and habitation building

Number of storeys: ground-floor+2+1+penthouse– 5 storeys

Occupation: ground-floor – commerce; storeys - habitation

Constructive system: stone work; wood masonry on the last floor; wood window-frames

Preservation state: **Shallow**

Anomalies: lost of horizontality in the structural elements; vertical crevice; granular disintegration; stone incrustation

Observation:



XVII century



Rua dos Caldeireiros, n.º 91 e 93

Commerce and habitation building

Number of storeys: ground-floor+4+ penthouse – 6 storeys

Occupation: ground-floor – commerce; storeys - habitation

Constructive system: stone work; brick and concrete masonry on the top floors (balcony); wood window-frames

Preservation state: **Shallow**

Anomalies: structural deformation; crevice

Observation:



XVII century



Rua dos Caldeireiros, n.º 87 e 89

Commerce and habitation building

Number of storeys: ground-floor+2+ penthouse – 4 storeys

Occupation: ground-floor – commerce: vacant; storeys - habitation

Constructive system: stone work in lateral walls; wood masonry; window-frames, embrasure, balcony and eaves in wood

Preservation state: **Scanty**

Anomalies: structural deformation; vertical crevice; wood putrefaction

Observation: structural decay



XVI century



Rua dos Caldeireiros, n.º 83 e 85

Commerce and habitation building

Number of storeys: ground-floor+3 – 4 storeys

Occupation: ground-floor – commerce: vacant; storeys - habitation

Constructive system: stone work at ground-floor and lateral walls; brick and wood masonry, lath work and rough-cast; wood window-frames

Preservation state: **Scanty**

Anomalies: structural deformation; strong mortar; badly preserved window-frames

Observation: total structural decay



XVI century



2007



1999



1999



2007

Rua dos Caldeireiros, n.º 79 e 81

Commerce and habitation building

Number of storeys: ground-floor+2 – 3 storeys

Occupation: ground-floor – commerce: vacant; storeys - habitation

Constructive system: stone work; brick and wood masonry, lath work and rough-cast; aluminium window-frames; wood embrasure and eaves

Preservation state: **Shallow**

Anomalies: badly preservation state

Observation:



(XVI century) XVII century



Rua dos Caldeireiros, n.º 75 e 77

Commerce and habitation building

Number of storeys: ground-floor+2+ penthouse + penthouse – 5 storeys

Occupation: ground-floor – commerce; storeys - habitation

Constructive system: stone work at ground-floor; brick and wood masonry; window-frames, embrasure, balcony and eaves in wood; wood and aluminium window-frame

Preservation state: **Scanty**

Anomalies: lost of horizontality in the structural elements; vertical crevice; vegetable colonization; wood putrefaction

Observation: structural decay



XVI century



Rua dos Caldeireiros, n.º 73 e 71

Commerce and habitation building

Number of storeys: ground-floor+3+ penthouse – 5 storeys

Occupation: ground-floor – commerce: restaurant «Casa Novo Mundo»;
storeys - habitation

Constructive system: stone work at ground-floor and lateral walls; wood
masonry; rough-cast; embrasure, balcony and eaves in wood
and aluminium window-frames

Preservation state: **Shallow**

Anomalies: lost of horizontality in the structural elements; wood
putrefaction

Observation: structural decay



XVI century



Rua dos Caldeireiros, n.º 67 e 69

Commerce and habitation building

Number of storeys: ground-floor+2 – 3 storeys

Occupation: ground-floor – commerce: vacant; storeys – habitation: vacant

Constructive system: stone work at ground-floor and lateral walls; wood masonry; rough-cast; window-frame, embrasure, balconies and eaves in wood

Preservation state: **Scanty**

Anomalies: lost of horizontality and verticality in the structural elements; badly preserved window-frames; wood putrefaction; rough-cast rise up

Observations: structural decay



XVI century



Rua dos Caldeireiros, n.º 63 e 65

Commerce and habitation building

Number of storeys: ground-floor+2 – 3 storeys

Occupation: ground-floor – commerce: vacant; storeys - habitation

Constructive system: stone work at ground-floor and lateral walls; brick and concrete masonry; wood masonry with rough-cast; window-frames, 2nd floor balcony and eaves in wood

Preservation state: **Shallow**

Anomalies: wood putrefaction; stone incrustation; new materials and structure

Observation: structural decay



XVI century



Rua dos Caldeireiros, n.º 59 e 61

Commerce and habitation building

Number of storeys: ground-floor+3+1 – 5 storeys

Occupation: ground-floor – commerce: vacant; storeys - habitation

Constructive system: stone work; wood masonry at top floor; wood window-frame; pattern tiles in the façade

Preservation state: **Shallow**

Anomalies: stone incrustation; tiles rise up; granular disintegration; open joint

Observation:



XVII century



Rua dos Caldeireiros, n.º 53, 55 e 59

Commerce and habitation building

Number of storeys: ground-floor+4 – 5 storeys

Occupation: ground-floor – commerce: «Caldeira, Clemente e C.º L.ª»;
storeys – habitation: vacant

Constructive system: stone work at ground-floor and lateral wall; wood
masonry and rough-cast; window-frames, embrasure and
eaves in wood

Preservation state: **Scanty**

Anomalies: structural deformation; vertical crevice with façade
displacement

Observation: total structural decay



XVI century



Rua dos Caldeireiros, n.º 49 e 51

Commerce and habitation building

Number of storeys: ground-floor+2 – 3 storeys

Occupation: vacant

Constructive system: stone work; pattern tiles in the façade; wood window-frame

Preservation state: **Moderate**

Anomalies: vacant

Observation:



XIX/XX century



2007

Rua dos Caldeireiros, n.º 41, 43 e 47

Commerce and habitation building

Number of storeys: ground-floor+3+penthouse – 5 storeys

Occupation: ground-floor – commerce; storeys - habitation

Constructive system: stone work; pattern tiles in the façade; wood window-frame

Preservation state: **Moderate**

Anomalies: stone incrustation; badly preserved window-frame

Observation: commerce works



XVIII/XIX century

License 181/1907 – to modify gates



Rua dos Caldeireiros, n.º 27 e 29, 31 e 33, 35 e 37

Commerce and habitation building

Number of storeys: ground-floor+3+ penthouse – 5 storeys

Occupation: ground-floor – commerce; storeys – habitation, 1st and 2nd vacant

Constructive system: stone work; rough-cast; wood window-frame

Preservation state: **Moderate**

Anomalies: rough-cast rise up; badly preserved roof

Observation: commerce works



XIX century

License 110/1942 – window-shop construction



Rua dos Caldeireiros, n.º 21, 23 e 25

Commerce and habitation building

Number of storeys: ground-floor+3+ penthouse – 5 storeys

Occupation: ground-floor – commerce; storeys - habitation

Constructive system: stone work; wood window-frame

Preservation state: **Moderate**

Anomalies: falling tiles; unprotected masonry; vegetable colonization;
stone incrustation

Observation: commerce works



XIX century



Rua dos Caldeireiros, n.º 1 e 3, 5 e 9, 15, 13 e 11, 17, 19 e 19A, gaveto com a Rua das Flores, n.º 187 e 189

Commerce and habitation building

Number of storeys: ground-floor+1+3 – 5 storeys

Occupation: ground-floor – commerce; storeys – habitation and offices

Constructive system: stone work; rough-cast; wood window-frame

Preservation state: **Moderate**

Anomalies: stone incrustation; rough-cast rise up; humidity stains; badly preserved roof

Observations: commerce works



(XVII century) XIX century

License 81/1907 – several works (15 a 21)

License 459/1957 – façade alteration

License 276/1968 – façade alteration



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