**EMERGENCY INTERVENTION PROJECT**

**AGIOS CHARALAMBOS CHURCH**

**Project Title:** Neo Chorio Kythereas / Minarelikoy

**Scale:** 1/100

**Proposed Interventions**

1. **Site Plan**
   - Reparing of big crack on the east wall of the church
   - Strengthening and restore of belfry
   - Restoration of the damaged stones and replacemnt of minor cracks on the walls that are less than 2 cm and repairing of cracks that exist on the vault on the east
   - Supporting the wooden part floor structure of the keystones, decorations
   - Treatment of the walls of the church externally all the cracks on the domes/vaults
   - Fencing around the church area
   - Removal of plastering women's gallery in the church
   - Treatment of existing metal rods
   - Work on iconostasis
   - Roof windows and doors

**Exposed Ashlar**

- Earth
- Building Neighbour Attached
- Steel Rod
- Stone Masonry
- remaining Orginal roof
- French tile
- Stone Border
- Stones
- Marble
- Decorative mosaic
- Lime Stone
- Wire
- Wall Artistic Items

**Scale: 1/100**

**Drawing no:** A-Pr 01

**Contractor:** ERKMEN

**Architect:** ÖZBEKOĞLU

**Conservator:** KEŞKEK

**Surname:** ANDREOU

**Licence no:** 1/100
Proposed Interventions
Ground Floor Plan
Ar: 245.4 m²
Scale: 1/50
Proposed Interventions

Mezzanin Floor Plan

Area: 38.5 m²

Scale: 1/50

Conservator:
Civil Engineer:
Design:
Architect:

Key Notes:

1. Reparing of big crack on the east wall of the church (Supervison of conservator is required)
2. Minor cracks on the walls that are less than 2 cm and keystones, decorations
3. Supporting the wooden part floor structure of the church
4. Fencing around the church area
5. Treatment of the walls of the church externally (Supervison of conservator is required)
6. Removal of plastering (Supervison of conservator is required)
7. Treatment of the missing carved stones of cornices, lintels, sheves, cross vault sign
8. Treatment of the domes/vaults side of the church above the sanctuary
9. Roof
10. Strengthening and reused of hefty (Supervison of conservator is required)
11. Windows and doors
12. Treatment of existing metal rods
13. Removal of plastering (Supervison of conservator is required)

Ar: 38.5 m²

Scale: 1/50

Proposed Interventions

Mezzanin Floor Plan

Area: 191.8 m²

Scale: 1/50

Repearing doors - double winged (with all joinery, accessories) - (D2, D4, D7)
Repearing doors - single winged (with all joinery, accessories) - (D1, D3, D5, D6)
Repearing windows - with metal net (with all joinery, accessories) - (W8, W9, W10, W11, W13)
Repearing windows - single winged (with all joinery, accessories) (W1, W7)
DOORS and WINDOWS

South Elevation

East Elevation

North Elevation

West Elevation

Crack Type (according to width):
- Type 1 (0.2 cm - 0.6 cm)
- Type 2 (0.6 cm - 1.5 cm)
- Type 3 (1.5 cm - 5 cm)

Proposed Interventions

Section E-E

Scale: 1/50

KEY PLAN (no scale)
Proposed Interventions
North Elevation
Scale: 1/50

KEY PLAN (no scale)
**LIST OF RECORDED CRACKS**

<table>
<thead>
<tr>
<th>Crack Type (accrdng. to width)</th>
<th>Width (cm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type1 (0.2cm - 0.6cm)</td>
<td>0.5</td>
</tr>
<tr>
<td>Type2 (0.6cm - 1.5cm)</td>
<td>1.0</td>
</tr>
<tr>
<td>Type3 (1.5cm - 5cm)</td>
<td>2.0</td>
</tr>
</tbody>
</table>

**Proposed Interventions**

- General cleaning of the site and the building
- Fencing around the church area
- Supporting the wooden perimeter of the exterior façade of the church
- Reinstating the cistern (Supervision of conservator is required)
- Repairing of the cracks on the west wall of the church
- Measuring of stocks that exist on the east wall on the east side of the church above the sanctuary
- Treatment of existing metal rods
- Roof reinforcement and relocation of the missing covered doors of the nave, aisles, transepts, decorations
- Renovation of the masonry stone and replacement of the missing covered doors of the nave, aisles, transepts, decorations

**Design:**

- A. Pr 11

**Project:**

- EMERGENCY INTERVENTION PROJECT

**License no:**

- 469
Condition Assessment
West Elevation
Scale: 1/50

Proposed Interventions
East Elevation
Scale: 1/50

KEY PLAN (no scale)
<table>
<thead>
<tr>
<th>Window No</th>
<th>Plan</th>
<th>Elevation 1 (Interior)</th>
<th>Elevation 2 (Exterior)</th>
<th>Section</th>
<th>Description</th>
</tr>
</thead>
</table>
| W8        | ![Plan](image1) | ![Elevation 1](image2) | ![Elevation 2](image3) | ![Section](image4) | Material: Timber single leaf window (metal net will be fix to a wooden frame)  
Dimensions: 67 cm x 70 cm  
Original double leaf wooden window mechanism |
| W9        | ![Plan](image5) | ![Elevation 1](image6) | ![Elevation 2](image7) | ![Section](image8) | Material: Timber single leaf window (metal net will be fix to a wooden frame)  
Dimensions: 71 cm x 73 cm  
Original double leaf wooden window mechanism |
| W10       | ![Plan](image9) | ![Elevation 1](image10) | ![Elevation 2](image11) | ![Section](image12) | Material: Timber single leaf window (metal net will be fix to a wooden frame)  
Dimensions: 71 cm x 73 cm  
Original double leaf wooden window mechanism |
| W11       | ![Plan](image13) | ![Elevation 1](image14) | ![Elevation 2](image15) | ![Section](image16) | Material: Timber single leaf window (metal net will be fix to a wooden frame)  
Dimensions: 54 cm x 78 cm  
Original double leaf wooden window mechanism |
| W12       | ![Plan](image17) | ![Elevation 1](image18) | ![Elevation 2](image19) | ![Section](image20) | Material: Timber double leaf window + iron bar  
Dimensions: 120 cm x 130 cm  
Original double leaf wooden window mechanism |
| W13       | ![Plan](image21) | ![Elevation 1](image22) | ![Elevation 2](image23) | ![Section](image24) | Material: Timber single leaf window (metal net will be fix to a wooden frame)  
Dimensions: 54 cm x 68 cm  
Original double leaf wooden window mechanism |
A.BURAK

Door Detail

exit 50 cm

±0.00

Dimensions : 158 cm x 243cm

Material : Timber double wooden

Work on iconostasis (Supervision of conservator is required)

Treatment of existing metal rods (Supervision of conservator is required)

Windows and doors (Supervision of conservator is required)

Roof (Supervision of conservator is required)

Supporting the wooden part floor structure of the church area

Fencing around the church area

General cleaning of the site and the building

Demolished

Key Notes - Proposed Intervention

A) Wooden Element

B) Mosaic Agios Charalambos Church

C) Wall - Building Perimeter Brick

D) Wall - Demolished

E) Wall - Neighbour Attached

F) Wall - Earth

G) Artistic Items

H) Stone Border

I) Stone Masonry

J) Earth mosaic decorative (Sections) 25 x 25

K) Water supplying point for church

L) Lime Stone

M) Wire

N) Walls or Mesh

O) Door

P) Window

Q) Roof

R) Supporting the wooden part floor structure of the church area

S) Fencing around the church area

T) General cleaning of the site and the building

U) Demolished

V) Neighbour Attached

W) Earth mosaic decorative (Sections) 25 x 25

X) Water supplying point for church

Y) Lime Stone

Z) Wire

aa) Walls or Mesh

bb) Door

cc) Window

dd) Roof

Key Notes - Proposed Intervention

1. General cleaning of the site and the building
2. Fencing around the church area
3. Removing of plastering (Suspension of conservator is required)
4. Peeling of tiling from the east side of the church
5. Peeling of tiling from the east side of the church above the sanctuary
6. Repairing of all iron bars on the windows and doors (with all joinery, accessories) - (D2, D4, D7)
7. Repairing doors - double winged (with all joinery, accessories) - (W11, W13)
8. Repairing windows - single winged (with all joinery, accessories) (W1, W7)
9. Repairing windows - with metal net (with all joinery, accessories) - (W5, W6, W12)
10. Repairing windows - single winged (with all joinery, accessories) (W8, W9, W10, W14)
11. Repairing doors - single winged (with all joinery, accessories) - (W11, W13)
12. Repairing of all iron bars on the windows and doors (with all joinery, accessories) - (D2, D4, D7)
13. Repairing doors - double winged (with all joinery, accessories) - (W11, W13)
14. Repairing windows - with metal net (with all joinery, accessories) - (W5, W6, W12)
15. Repairing windows - single winged (with all joinery, accessories) (W8, W9, W10, W14)
16. Repairing doors - single winged (with all joinery, accessories) - (W11, W13)
17. Repairing of all iron bars on the windows and doors (with all joinery, accessories) - (D2, D4, D7)
18. Repairing doors - double winged (with all joinery, accessories) - (W11, W13)
19. Repairing windows - with metal net (with all joinery, accessories) - (W5, W6, W12)
20. Repairing windows - single winged (with all joinery, accessories) (W8, W9, W10, W14)
21. Repairing doors - single winged (with all joinery, accessories) - (W11, W13)
22. Repairing of all iron bars on the windows and doors (with all joinery, accessories) - (D2, D4, D7)
Restoration of stone masonry walls

Procedure:

- Removal of loose stones and gallets.
- Careful cleaning of masonry using low abrasive tools and water. It is recommended that a brush and sand paper be used, while high pressure sand blasting and extreme mechanical cleaning must be avoided in order to prevent damage to the stone.
- Reconstruction of the affected corner using all fallen original stones and/or new stones of similar type, size and proportion as those of the original corner, in order to achieve a homogeneous construction between the new and the old. The construction of the corner must involve the crossing and overlapping of stones in both directions of the two intersecting walls in order to avoid long continuous vertical joints.
- After the tie stones are in place gallets and/or pointing takes places using lime mortar. Pointing should be recessed at about 0.5-1.0cm from the exterior face of the stones and be placed neither deeper than the exterior surface of the wall nor protruding from it. During these processes care should be taken in order to maintain the exterior surface of the stones clean.
- If reinforcing of the corner is necessary, wooden beams (1.20m minimum length) are installed inside each of the two intersecting walls every 1.00m. Each wooden beam must be placed at least 0.8m inside the existing wall and be connected between them at one end.

The same procedure is followed for horizontal stitching, but with horizontal wooden beams as you can see on the drawing.