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"All measurments on this drawing are in meters"

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6.2.10 Clean and maintain the internal of the window, attach metal grid on a galvanized frame in to the middle of the window

11.1.4 Repair and reposition of the broken cross



United Nations Development Programme



# Project Title: Church of AG. SERGIOS AND BACCHUS in Ag. Sergios / Yeni bogazici

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Civil Engineer:	Loizos	Hadjigeorgiou	A027067

Designer Team: Panikos Menoikou Land Surveyor Maria Angelopoulou Student of Architecture

> 7 / 2018 1:50

2. Proposal ROOF FLOOR PLAN

Drawing no.:

**A-Pr 05** 

Sign and Stamp

(vault level)

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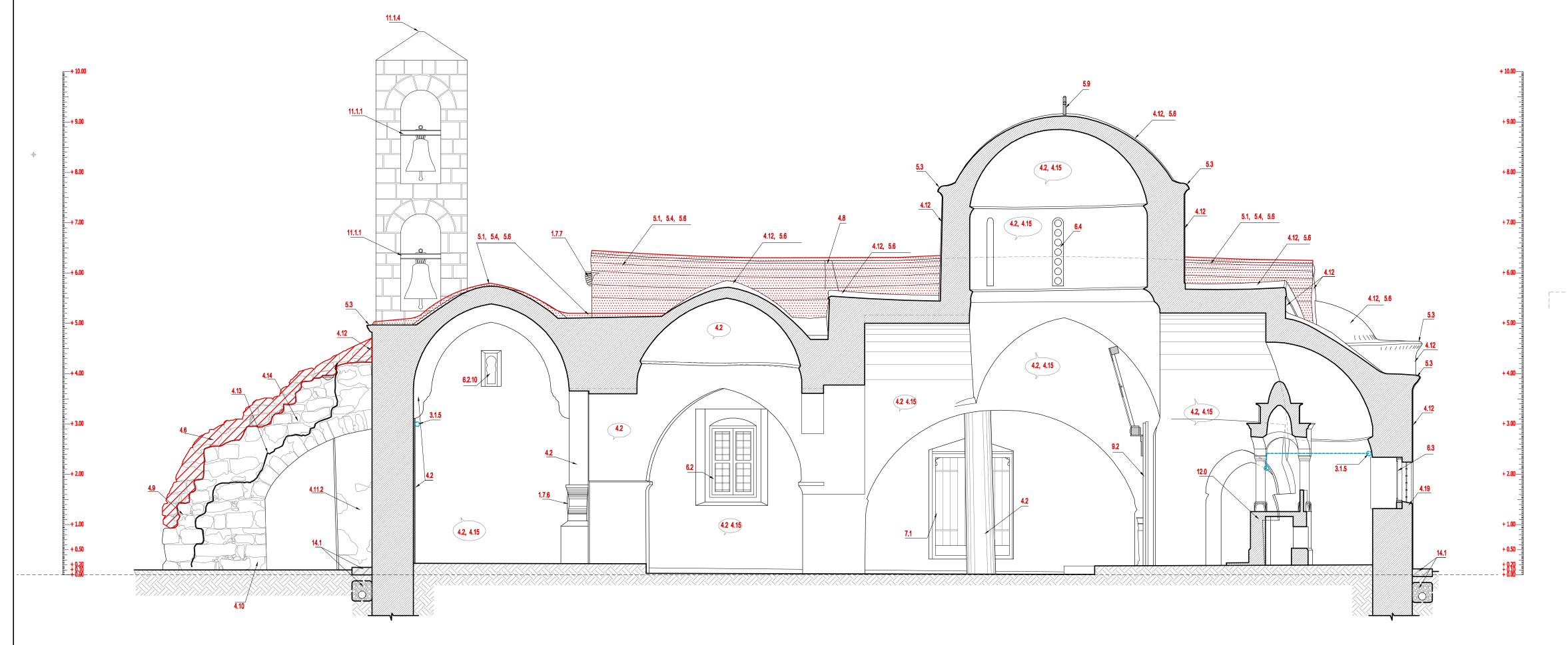
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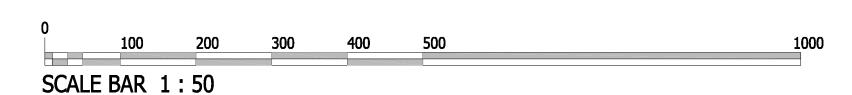
## Decoratives to be treated exclusively by conservator. Capital to be treated exclusively by conservator - plaster removal. Further actions according to findings. Proposal coper pipe to support for cabling for lighting Proposal coper pipe to support for cabling Remove of deteriorated plaster and repair of wall under conservators and architect supervision Remove the plaster only where is structurally deteriorated. Further actions according to findings. Area to be treated exclusively by conservator - plaster removal and / or plaster repair. Further actions according to findings. Stone dismantling and rebuilding Repair vault (according to civil engineer's study) Cleaning and pointing removal and repointing of buttress Repair pilaster (according to civil egineer's study) Cleaning and new repointing of wall Areas to clean, maintain and repointing, cover with water insulation 4.12, 5.6 Grouting Grout injections 4.13 4.14 4.19 Area for consolidation with hydraulic mortar and limestones 5.1, 5.4, 5.6 Area to remove debris and roots, repair stones and cover with fibernet and hydraulic mortar and water insulation Cleaning and maintain of cornices Replace cross with a new limestone made cross (see drawing A-Pr 11) Window conservation (see drawing A-Pr 11) Clean and maintain the internal of the window, attach metal grid on a galvanized frame in to the middle of the window Window reconstruct and position (see drawing A-Pr 11) Window frame replacement (see drawing A-Pr 11) Existing door to conserve-drawing A-Ex 16 Conservation of iconostasis beam / woodwork exclusively by conservator. (see final conservation guidelines) Maintain of the bell mechanism Repair and reposition of the broken cross Holly altar conservation exclusively by conservator according to conservation proposals. Drainage system and protecting slab. (See detail Y1)

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SECTION A-A - Proposal works **SCALE 1:50** 



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United Nations Development Programme

7 / 2018

2. Proposal Drawing name: Drawing no.: **SECTION A-A A-Pr 06** 

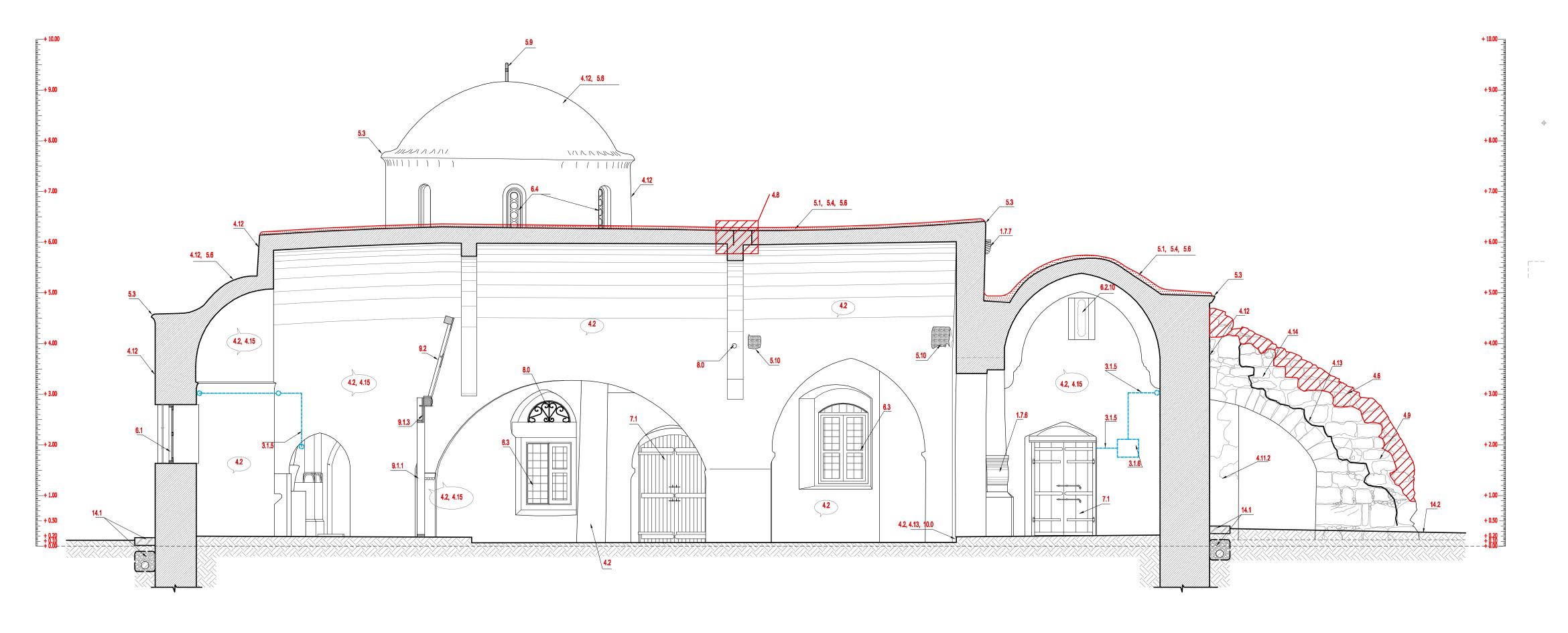
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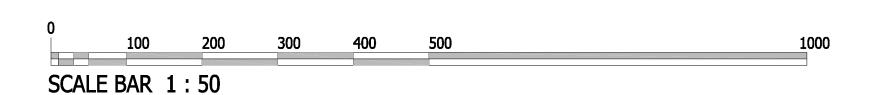
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### INDEX AS IN TECHNICAL SPECIFICATIONS 1.7.6 1.7.7 Capital to be treated exclusively by conservator - plaster removal. Further actions according to findings. Decoratives to be treated exclusively by conservator. 3.1.5 Proposal coper pipe to support for cabling for lighting 3.1.5 Proposal coper pipe to support for cabling 3.1.5 Proposal coper pipe to cover existing cabling 3.1.6 Existing D/B proposed to be replaced with a new one Remove of deteriorated plaster and repair of wall under conservators and architect supervision Remove the plaster only where is structurally deteriorated. Further actions according to findings. 4.2, 4.15 Area to be treated exclusively by conservator - plaster removal and / or plaster repair. Further actions according to findings. 4.2, 4.13, 10.0 Repair the side of the step with hydraulic mortar Stone dismantling and rebuilding Repair vault according to civil engineer's study Cleaning and pointing removal and repointing of buttress Repair pilaster (according to civil engineer's study) 4.12 Cleaning and new repointing of wall 4.13 Grout injections 4.14 5.1, 5.2, 5.6 Areas to clean, maintain and repointing, cover with water insulation 5.1, 5.4, 5.6 Area to remove debris and roots, repair stones and cover with fibernet and hydraulic mortar and water insulation Cleaning and maintain of comices Replace cross with a new limestone made cross (see drawing A-Pr 11) Establish acoustic ceramic pot and fill the space with rubble stone and hydraulic mortar on both sides of barrel vault Window reconstruct and position (see drawing A-Pr 11) Clean and maintain the internal of the window, attach metal grid on a galvanized frame in to the middle of the window Existing window to conserve-drawing A-Pr 11 Window frame replacement (see drawing A-Pr 11) Existing door to conserve-drawing A-Ex 16 Maintain and paint decorative rail (see drawing A-Pr 11) New wooden members to support the parts of the ridge of despotic tire Ridge of despotic tire (partially reconstruct the frames of iconostasis) Conservation of iconostasis beam / woodwork exclusively by conservator. (see final conservation guidelines) Drainage system and protecting slab. (See detail Y1) New arrangement of soil

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SECTION B-B - Proposal works SCALE 1:50



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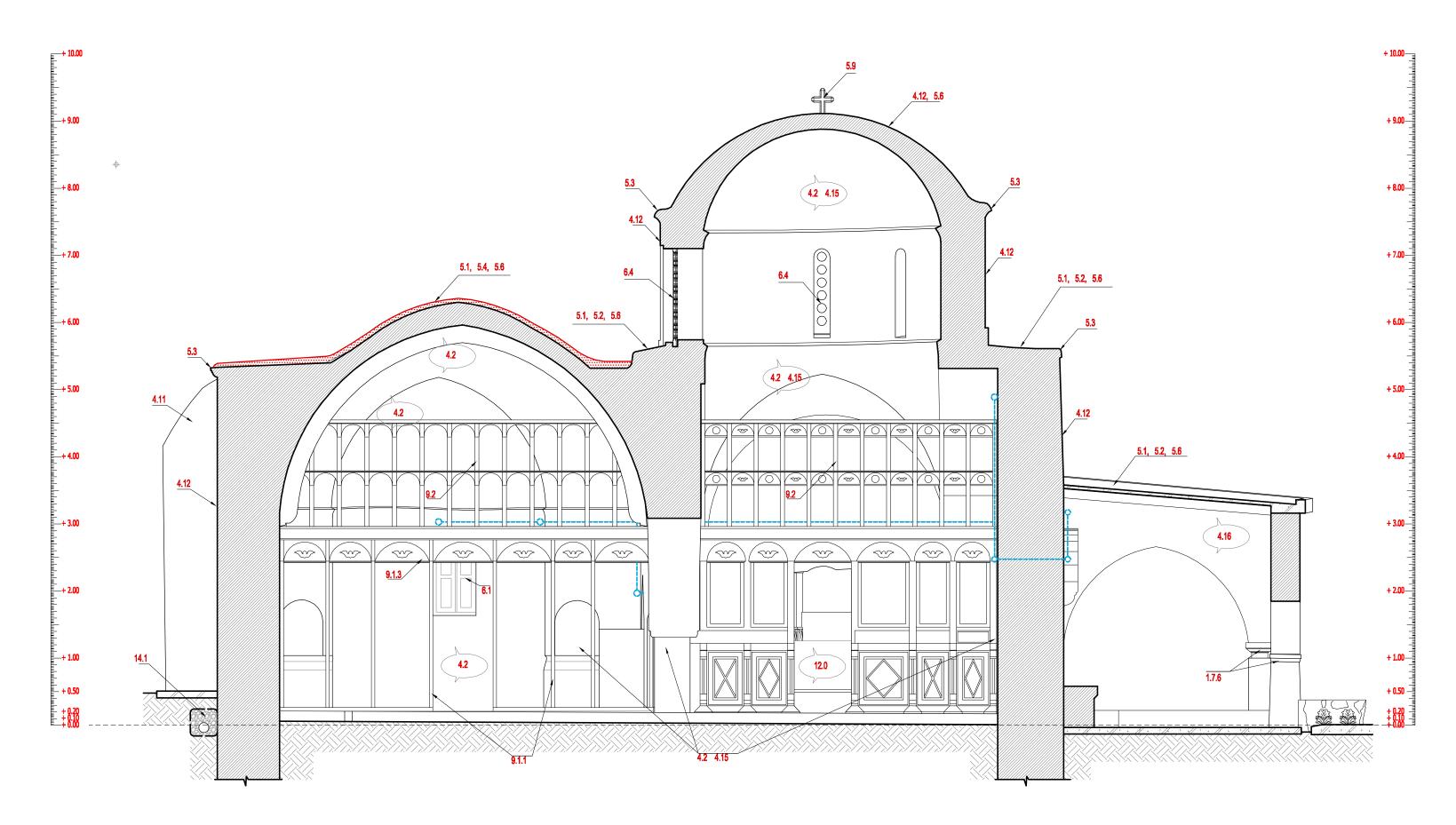
**A-Pr 07** 

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# 1.7.6 Doric capital to be cleaned and maintained exclusively of a conservator Remove the plaster only where is structurally deteriorated. Further actions according to findings. Ana to be treated exclusively by conservator - plaster removal and / or plaster repair. Further actions according to findings. Clean and new repointing of the pilaster Cleaning and new repointing of the pilaster Cleaning and new repointing of wall 5.1, 5.2, 5.6 Areas to clean, maintain and repointing, cover with water insulation Removal of deteriorated plaster cleaning of the stones and new repointing. 5.1, 5.4, 5.6 Area to remove debris and roots, repair stones and cover with fibernet and hydraulic mortar and water insulation Cleaning and maintain of comices Replace cross with a new limestone made cross (see drawing A-Pr 11) Window reconstruct and position (see drawing A-Pr 11) New wooden members to support the parts of the ridge of despotic tire Ridge of despotic tire (partially reconstruct the frames of iconostasis) Conservation of iconostasis beam / woodwork exclusively by conservator. (see final conservation guidelines) Holly altar conservation exclusively by conservator according to conservation proposals.

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SECTION C-C - Current situation SCALE 1:50



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United Nations Development Programme

in Ag. Sergios / Yeni bogazici

**Dimitrios** 

Loizos

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Civil Engineer:

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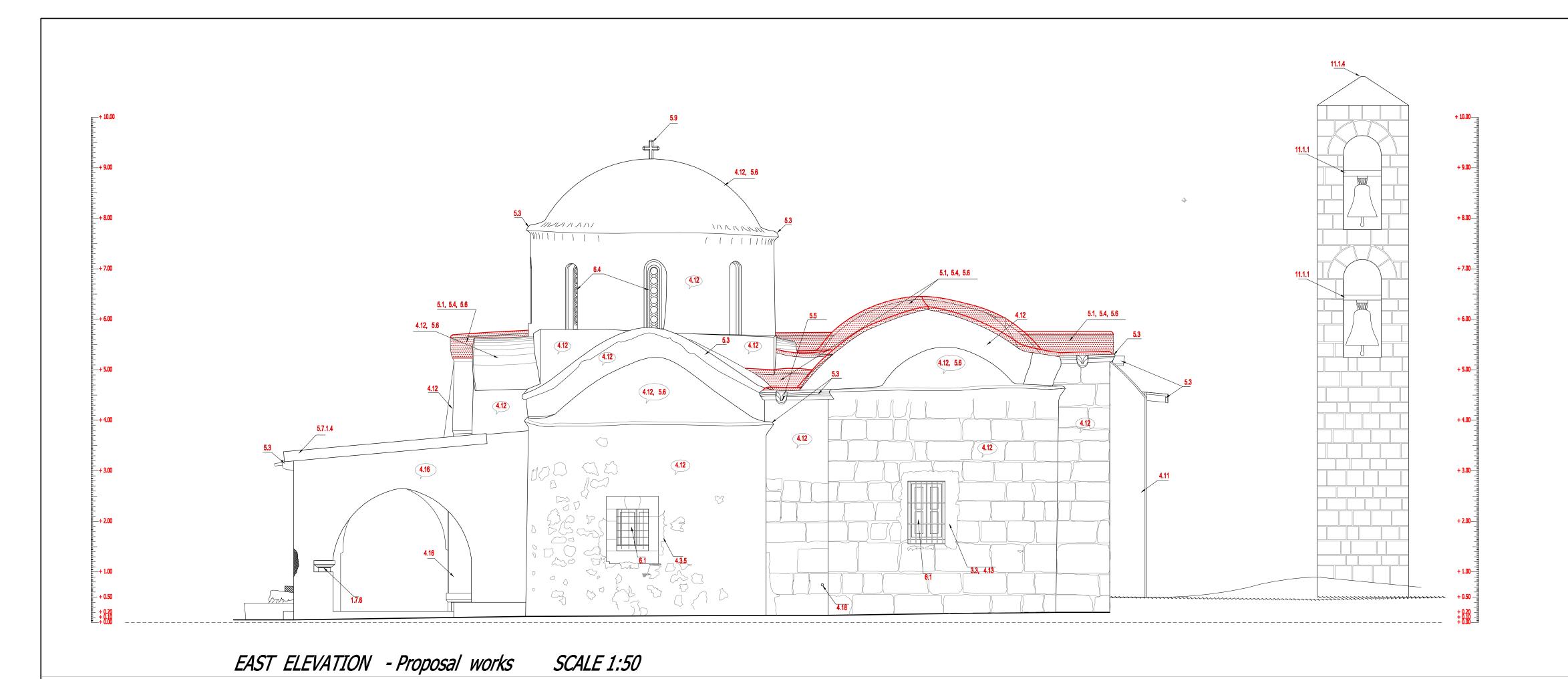
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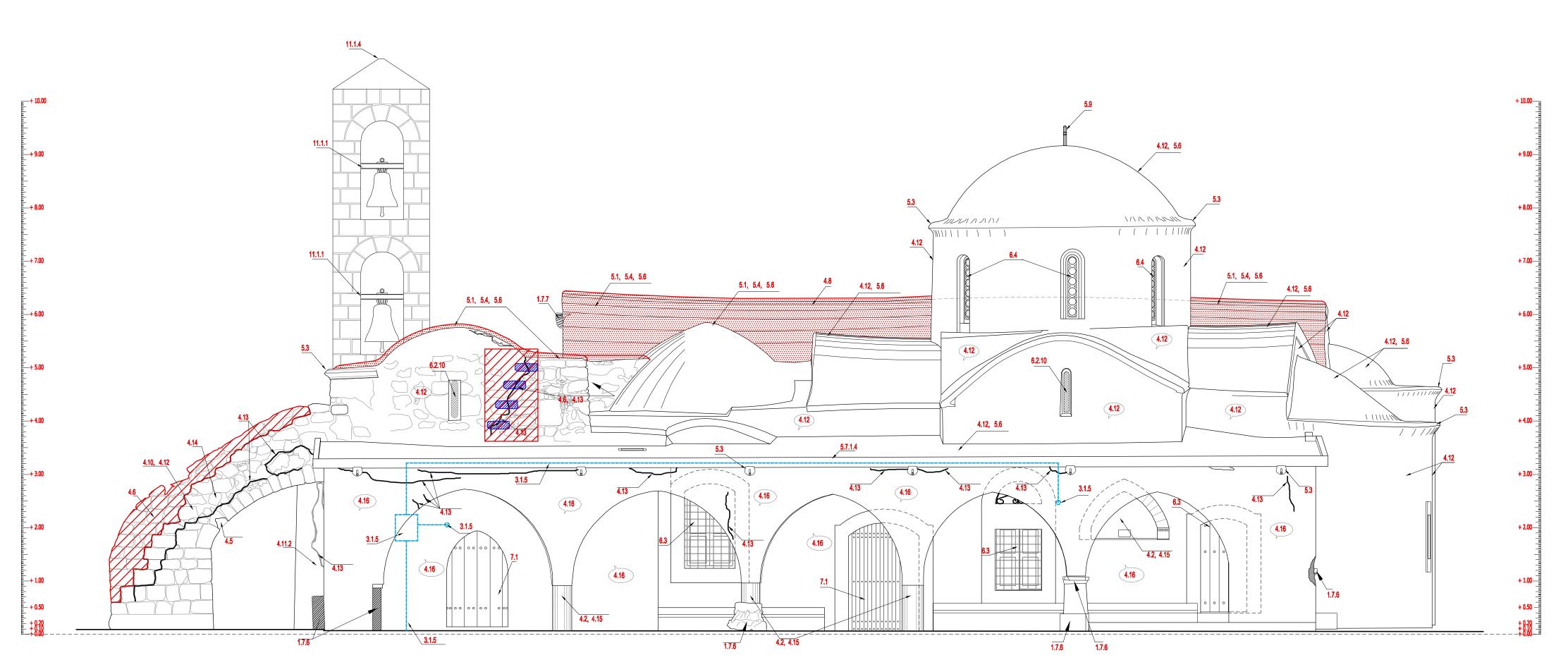
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## SOUTH ELEVATION - Proposal works **SCALE 1:50**

SCALE BAR 1:50

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FXISTING LEVEL INDICATION EXISTING LEVEL INDICATION

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AREAS TO REMOVE DEBRIS AND ROOTS, REPAIR STONES AND COVER WITH FIBERNET AND HYDRAULIC MORTAR AND WATER INSULATION

AREAS TO CLEAN, MAINTAIN AND REPAIR CRACKS AND FILL, COVER WITH WATER INSULATION

NEW LEVEL OF EARTH

+ 0.00 VERTICAL LEVEL INDICATION

PROPOSAL ELECTRIC INSTALLATIONS

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Proposal coper pipe to drive through the earth cable in replacement of the existing
Proposal cable insertion through existing hole to the entire of the church
Proposal coper pipe to support of wooden beams of portico. Cabling to the church through the pipes

Existing D/B proposed to be replaced with a new one 3.3, 4.13 Remove cement mortar Repair with hydraulic mortar

Area to be treated exclusively by conservator - plaster removal and / or plaster repair. Further actions according to findings. Repair with hydraulic mortar Stone replacement

Stone dismantling and rebuilding 4.6, 4.13 Stitching of crack with large stones of both sides of the wall Repair vault according to civil engineer's study

4.10, 4.12 Cleaning and pointing removal and repointing of buttress Cleaning and new repointing of pilaster Repair pilaster (according to civil engineer's study)

Cleaning and new repointing of wall Areas to clean, maintain and repointing, cover with water insulation

Grout injections Removal of deteriorated plaster cleaning of the stones and new repointing. Repair with lime mortar and paint with emulsion for exterior use

Point to be treated exclusively by conservator 5.1, 5.4, 5.6 Area to remove debris and roots, repair stones and cover with fibernet and hydraulic mortar and water insulation

Cleaning and maintain of cornices Cleaning and maintain of spout Cleaning and maintain of water spouts

Replace with a new copy of spout of northeast side Clean, repair and paint the parapet and slab projection

Replace cross with a new limestone made cross (see drawing A-Pr 11) Window reconstruct and position (see drawing A-Pr 11)

Clean and maintain the internal of the window, attach metal grid on a galvanized frame on to the back. Fix with hydraulic mortar Existing window to conserve-drawing A-Pr 11 Window frame replacement (see drawing A-Pr 11)

Existing door to conserve-drawing A-Ex 16 Maintain of the bell mechanism



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## Church of AG. SERGIOS AND BACCHUS in Ag. Sergios / Yeni bogazici

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2. Proposal EAST ELEVATION

SOUTH ELEVATION

Drawing no.:

**A-Pr 09** 

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