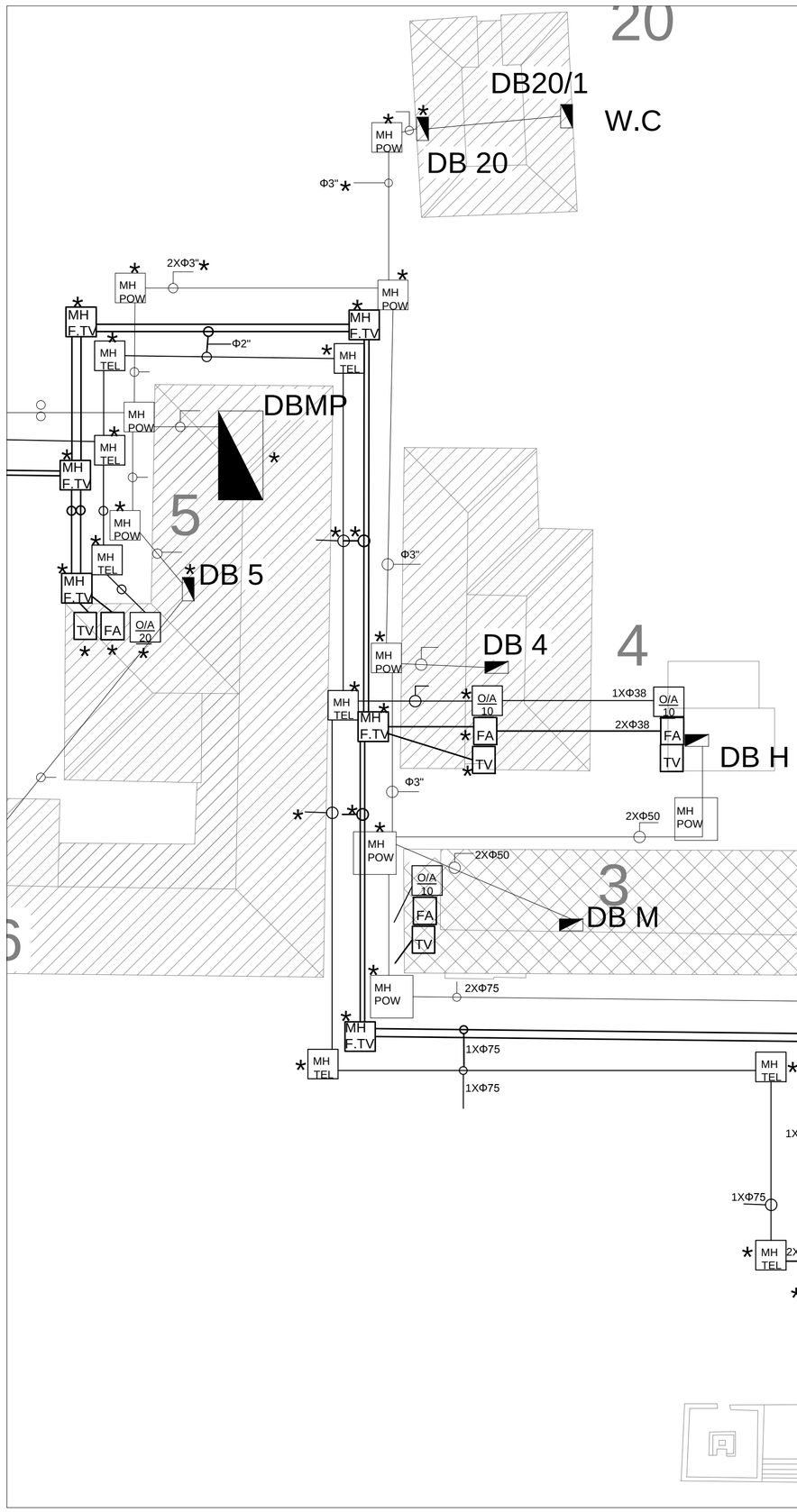


LEGEND

PHASE B

- TELEPHONE D/CASE
- FAP — FIRE ALARM DRAW BOX 200X200X150
- MH F.TV — TV DRAW BOX 200X200X150
- MH POW — POWER MANHOLE 400X600X600
- MH TEL — TELEPHONE MANHOLE 400X400X500
- DISTRIBUTION PANEL MCB
- * EXISTING

NOTE : ALL THE DIMENSIOS MUST BE VERIFIED ON SITE BY THE CONTRACTOR

Implemented by the:
UNDP
In collaboration with the
Technical Committee on Cultural Heritage

ADMINISTRATIVE COMMITEE OF THE HOLY MONASTERY OF APOSTOLOS ANDREAS RIZOKARPASSO, CYPRUS

RESEARCH PROGRAMM FOR THE RESTORATION AND REHABILITATION OF THE HISTORIC BUILDING COMPLEX AND RECONFIGURATION OF THE ENVIRONMENT OF THE MONASTERY

PROJECT PHASE B :
IMPLEMENTATION
GUEST HOUSE BUILDING (1919)

UNIVERSITY OF PATRAS
SCHOOL OF ENGINEERING
DEPARTMENT OF ARCHITECTURE
LABORATORY OF URBAN AND REGIONAL PLANNING
Director : Professor N.D. Polydorides
Main Researcher :
P.M. Koufopoulos, Assistant Professor
Scientific advisors :
S.V. Mamaloukos, Assistant Professor
D.M.Myrianthefs, architect-restorer
M.M. Myrianthεos, architect-restorer
Colaborators :
N. Kalathas, civil engineer
G. Demetriades, civil engineer
O. Monogios, electrical engineer
L. Vacanas, mechanical engineer
Ch. Makris, quantity surveyor
G. Dogani, antiquities conservator
A. Galanou, antiquities conservator

Title: FINAL PROPOSAL

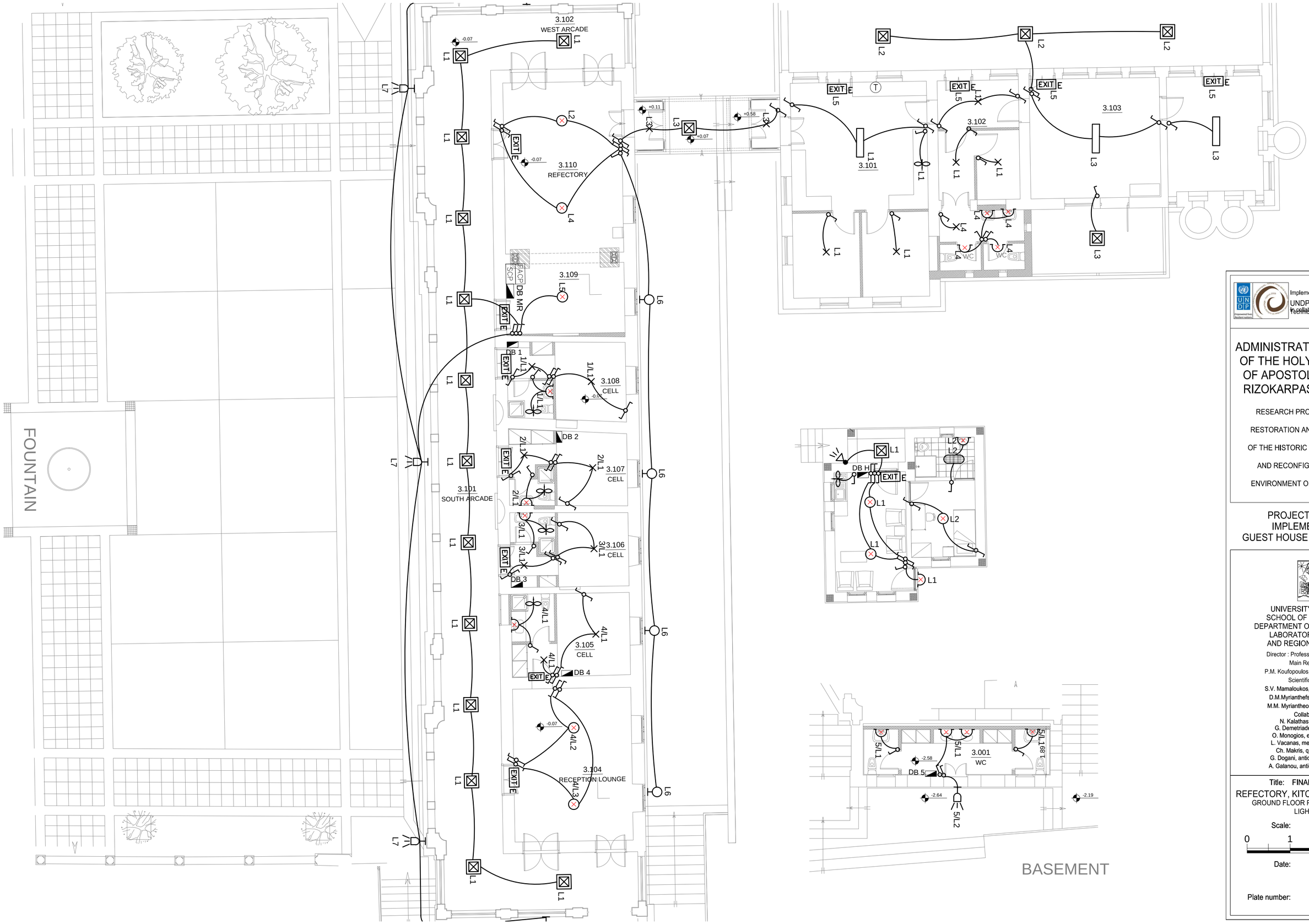
SITE LAYOUT
EXTERNAL CABLES

Scale: N.T.S

0 1 2 3

Date: April 2006
Rev. February 2016

Plate number: E01



Implemented by the:
UNDP
In collaboration with the Technical Committee on Cultural Heritage

ADMINISTRATIVE COMMITEE OF THE HOLY MONASTERY OF APOSTOLOS ANDREAS RIZOKARPASSO, CYPRUS

RESEARCH PROGRAMM FOR THE
RESTORATION AND REHABILITATION
OF THE HISTORIC BUILDING COMPLEX
AND RECONFIGURATION OF THE
ENVIRONMENT OF THE MONASTERY

PROJECT PHASE B :
IMPLEMENTATION
GUEST HOUSE BUILDING (1919)

UNIVERSITY OF PATRAS
SCHOOL OF ENGINEERING
DEPARTMENT OF ARCHITECTURE
LABORATORY OF URBAN
AND REGIONAL PLANNING
Director : Professor N.D. Polydorides
Main Researcher :
P.M. Koufopoulos, Assistant Professor
Scientific advisors :
S.V. Mamaloukos, Assistant Professor
D.M.Myrianthefs, architect-restorer
M.M. Myriantheos, architect-restorer
Collaborators :
N. Kalathas, civil engineer
G. Demetriades, civil engineer
O. Monogios, electrical engineer
L. Vacanas, mechanical engineer
Ch. Makris, quantity surveyor
G. Dogani, antiquities conservator
A. Galanou, antiquities conservator

Title: FINAL PROPOSAL

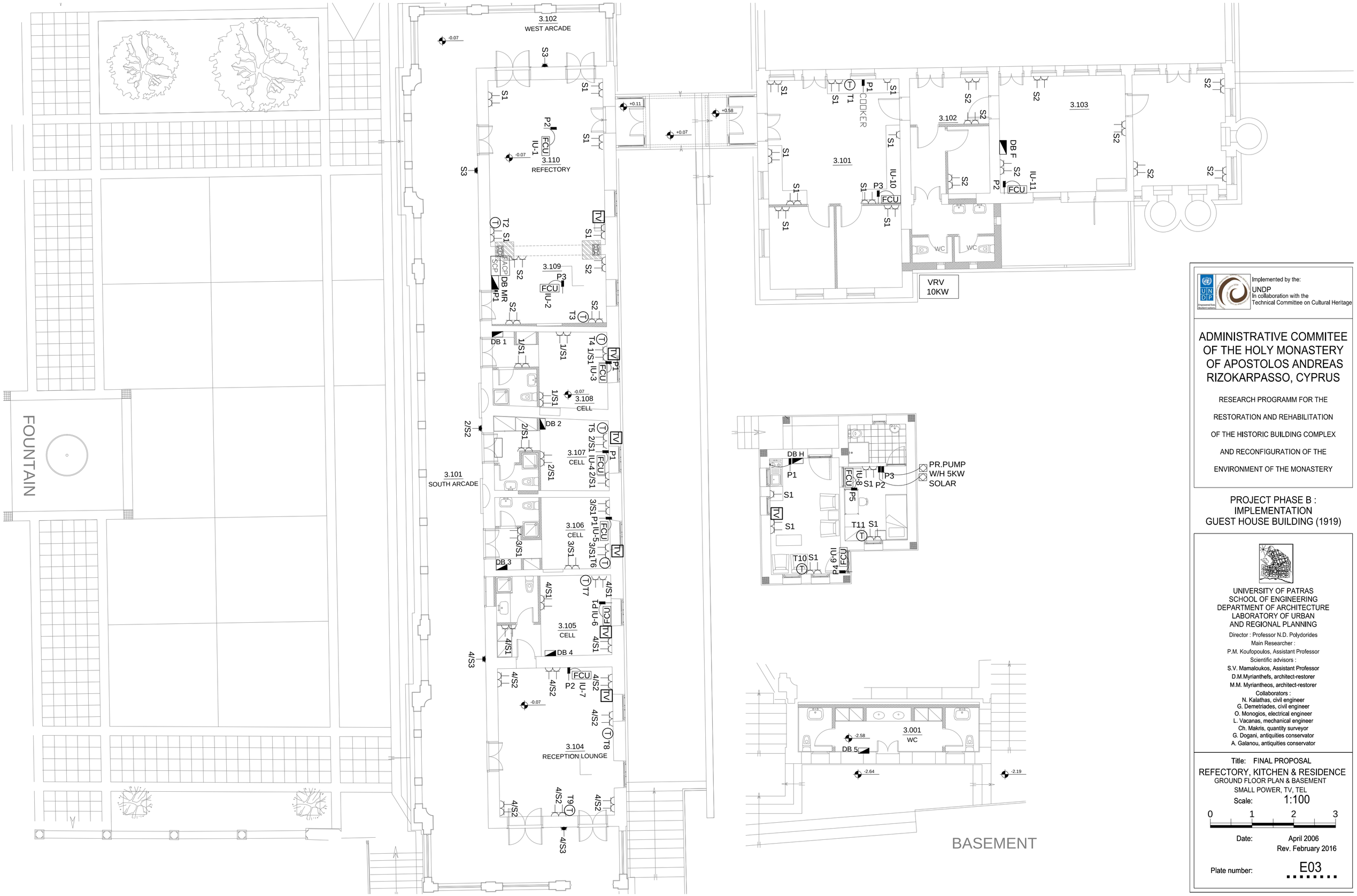
REFECTORY, KITCHEN & RESIDENCE
GROUND FLOOR PLAN & BASEMENT
LIGHTING

Scale: 1:100

0 1 2 3

Date: April 2006
Rev. February 2016

Plate number: E02



Implemented by the:
UNDP
In collaboration with the
Technical Committee on Cultural Heritage

ADMINISTRATIVE COMMITEE OF THE HOLY MONASTERY OF APOSTOLOS ANDREAS RIZOKARPASSO, CYPRUS

RESEARCH PROGRAMM FOR THE

RESTORATION AND REHABILITATION

OF THE HISTORIC BUILDING COMPLEX

AND RECONFIGURATION OF THE

ENVIRONMENT OF THE MONASTERY

PROJECT PHASE B :
IMPLEMENTATION
GUEST HOUSE BUILDING (1919)

UNIVERSITY OF PATRAS
SCHOOL OF ENGINEERING
DEPARTMENT OF ARCHITECTURE
LABORATORY OF URBAN
AND REGIONAL PLANNING

Director : Professor N.D. Polydorides
Main Researcher :
P.M. Koufopoulos, Assistant Professor
Scientific advisors :
S.V. Mamaloukos, Assistant Professor
D.M.Myrianthefs, architect-restorer
M.M. Myriantheos, architect-restorer
Collaborators :
N. Kalathas, civil engineer
G. Demetriades, civil engineer
O. Monogios, electrical engineer
L. Vacanas, mechanical engineer
Ch. Makris, quantity surveyor
G. Dogani, antiquities conservator
A. Galanou, antiquities conservator

Title: FINAL PROPOSAL

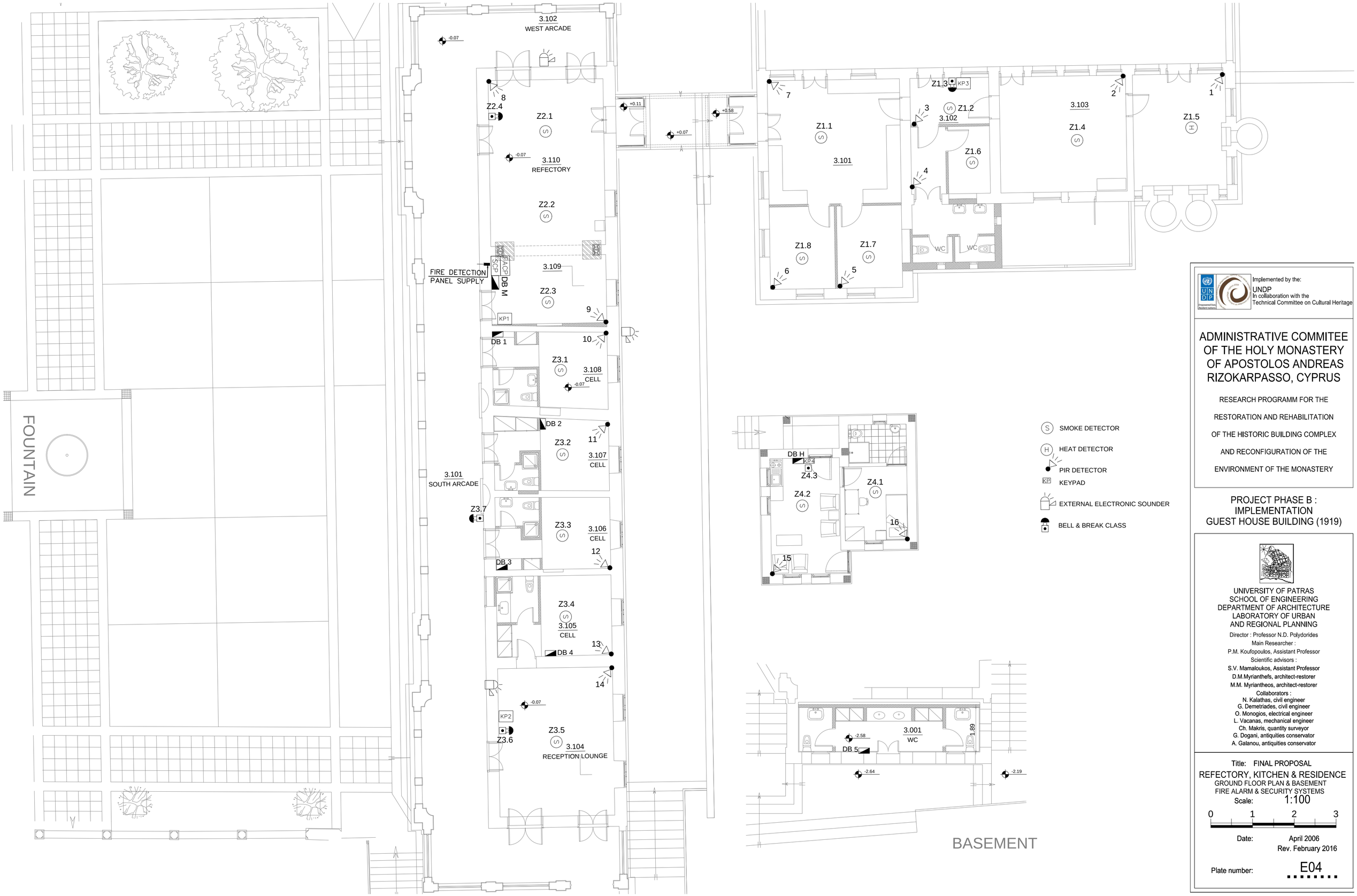
REFECTORY, KITCHEN & RESIDENCE
GROUND FLOOR PLAN & BASEMENT
SMALL POWER, TV, TEL

Scale: 1:100

0 1 2 3

Date: April 2006
Rev. February 2016

Plate number: E03



Implemented by the:
UNDP
In collaboration with the
Technical Committee on Cultural Heritage

ADMINISTRATIVE COMMITEE OF THE HOLY MONASTERY OF APOSTOLOS ANDREAS RIZOKARPASSO, CYPRUS

RESEARCH PROGRAMM FOR THE
RESTORATION AND REHABILITATION
OF THE HISTORIC BUILDING COMPLEX
AND RECONFIGURATION OF THE
ENVIRONMENT OF THE MONASTERY

PROJECT PHASE B :
IMPLEMENTATION
GUEST HOUSE BUILDING (1919)

UNIVERSITY OF PATRAS
SCHOOL OF ENGINEERING
DEPARTMENT OF ARCHITECTURE
LABORATORY OF URBAN
AND REGIONAL PLANNING
Director : Professor N.D. Polydorides
Main Researcher :
P.M. Koufopoulos, Assistant Professor
Scientific advisors :
S.V. Mamaloukos, Assistant Professor
D.M.Myrianthefs, architect-restorer
M.M. Myriantheos, architect-restorer
Collaborators :
N. Kalathas, civil engineer
G. Demetriades, civil engineer
O. Monogios, electrical engineer
L. Vacanas, mechanical engineer
Ch. Makris, quantity surveyor
G. Dogani, antiquities conservator
A. Galanou, antiquities conservator

Title: FINAL PROPOSAL

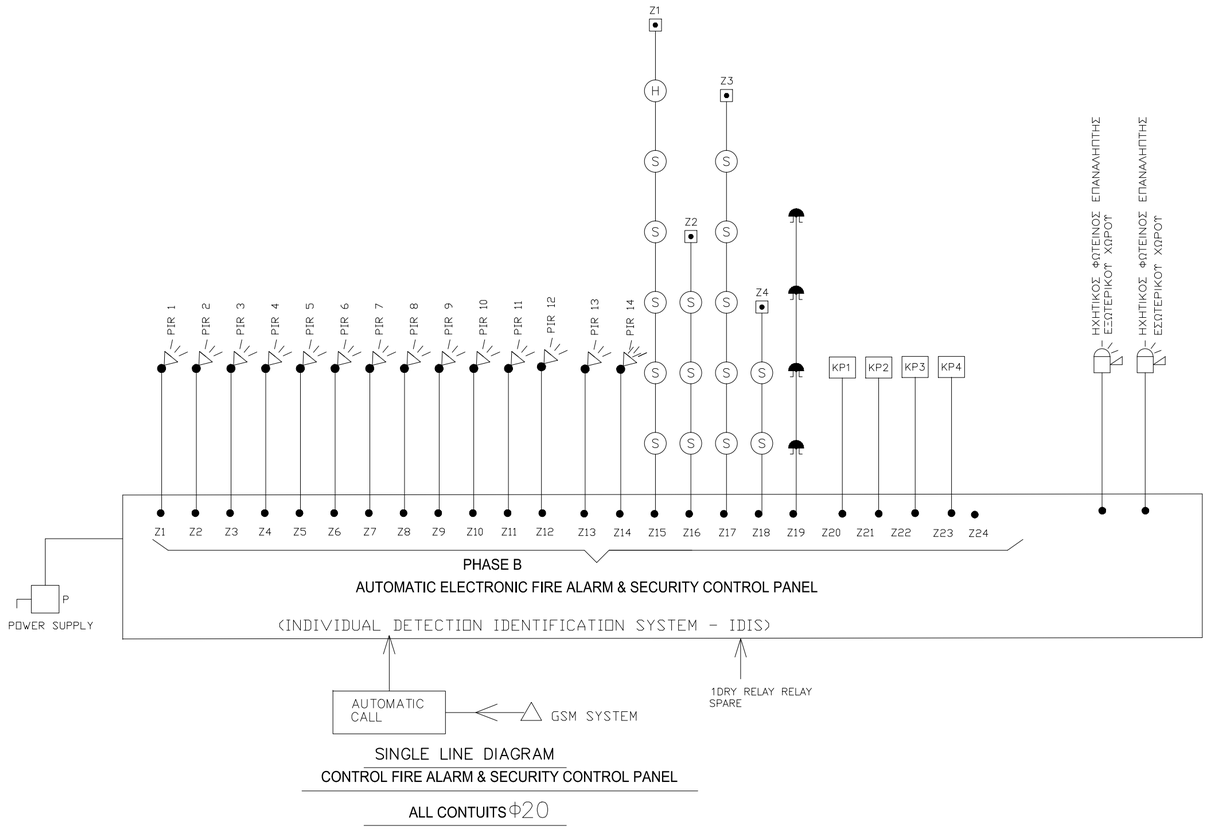
REFECTORY, KITCHEN & RESIDENCE
GROUND FLOOR PLAN & BASEMENT
FIRE ALARM & SECURITY SYSTEMS

Scale: 1:100

0 1 2 3

Date: April 2006
Rev. February 2016

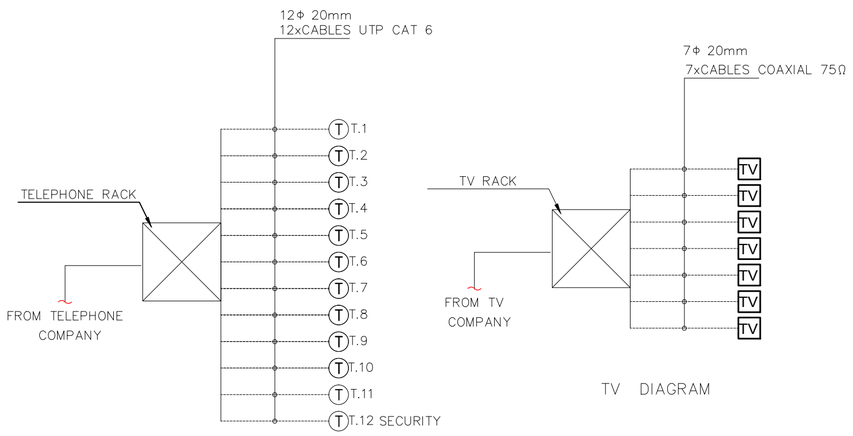
Plate number: E04



SINGLE LINE DIAGRAM

CONTROL FIRE ALARM & SECURITY CONTROL PANEL

ALL CONTUITS Φ20



TELEPHONE DIAGRAM

TV DIAGRAM

LEGEND

- TYPE 1 SINGLE LIGHTING POINT
- TYPE 2 EXTERNAL, WALL MOUNTED, WATERPROOF LIGHTING
- TYPE 3 WALL MOUNTED LIGHTING
- TYPE 4 WALL MOUNTED LIGHTING SPOT
- TYPE 5 WALL MOUNTED LIGHTING SPOT GLOPE
- TYPE 6 MULTIPLE LIGHTING POINT (CHANDELIER)
- TYPE 7 ENCLOSED WHITE G.R.P FLOODLIGHT WITH70W SON -T LAMP AND CONTROL GEAR. IP 65 SEALED WITH SILICON GASKET. CLEAR POLYCARBONATE FRONT VISOR.
- TYPE 8 FLUORESCENT LIGHTING FIXTURE 2x36W
- TYPE 9 FLUORESCENT LIGHTING FIXTURE 2x36W WATERPROOF
- TYPE 10 EXIT
- EXUST FAN
- LIGHTING SWITCH (NORMAL - WATERPROOF)
- MULTI CIRCUIT SWITCH (NORMAL - WATERPROOF)
- DOUBLE THROW SWITCH (NORMAL - WATERPROOF)
- SOCKET SINGLE 13A D/P WITH SWITCH
- SOCKET SINGLE 13A D/P WITH SWITCH WATER PROOF
- INFLOOR SOCKET INSIDE A BOX
- POWER SUPPLY
- INFLOOR BOX
- DISTRIBUTION PANEL
- UNDER FLOOR CHANEL
- TELEPHONE SOCKET WITH CABLE UTP4" cat6
- TELEPHONE RACK
- TV SOCKET
- FLOODLIGHT
- WALLMOUNTED DOWNLIGHT
- BELL & BREAK CLASS

Implemented by the:
UNDP
In collaboration with the
Technical Committee on Cultural Heritage

ADMINISTRATIVE COMMITEE OF THE HOLY MONASTERY OF APOSTOLOS ANDREAS RIZOKARPASSO, CYPRUS

RESEARCH PROGRAMM FOR THE
RESTORATION AND REHABILITATION
OF THE HISTORIC BUILDING COMPLEX
AND RECONFIGURATION OF THE
ENVIRONMENT OF THE MONASTERY

PROJECT PHASE B :
IMPLEMENTATION
GUEST HOUSE BUILDING (1919)

UNIVERSITY OF PATRAS
SCHOOL OF ENGINEERING
DEPARTMENT OF ARCHITECTURE
LABORATORY OF URBAN
AND REGIONAL PLANNING
Director : Professor N.D. Polydorides
Main Researcher :
P.M. Koufopoulos, Assistant Professor
Scientific advisors :
S.V. Mamaloukos, Assistant Professor
D.M.Myrianthefs, architect-restorer
M.M. Myriantheos, architect-restorer
Collaborators :
N. Kalathas, civil engineer
G. Demetriades, civil engineer
O. Monogios, electrical engineer
L. Vacanas, mechanical engineer
Ch. Makris, quantity surveyor
G. Dogani, antiquities conservator
A. Galanou, antiquities conservator

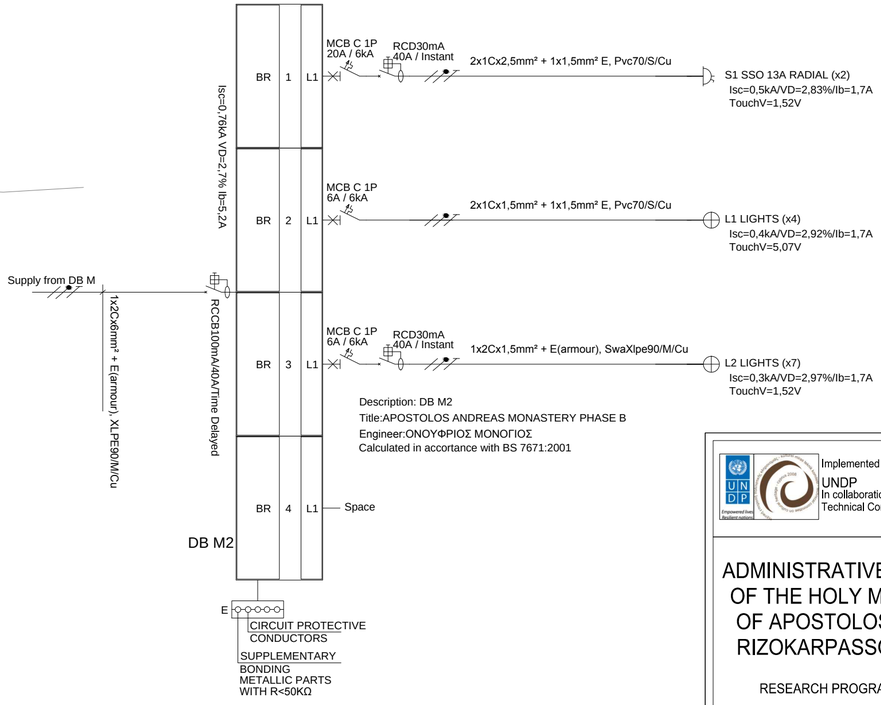
Title: FINAL PROPOSAL
SECURITY, FIRE ALARM,TV &TELEPHONES
SCHEMATIC DIAGRAMS

Scale: N.T.S

Date: April 2006
Rev. February 2016

Plate number: E05





Description: DB M2
Title:APOSTOLOS ANDREAS MONASTERY PHASE B
Engineer:ΟΝΟΥΦΡΙΟΣ ΜΟΝΟΓΙΟΣ
Calculated in accortance with BS 7671:2001

Implemented by the:
UNDP
In collaboration with the
Technical Committee on Cultural Heritage

ADMINISTRATIVE COMMITEE OF THE HOLY MONASTERY OF APOSTOLOS ANDREAS RIZOKARPASSO, CYPRUS

RESEARCH PROGRAMM FOR THE
RESTORATION AND REHABILITATION
OF THE HISTORIC BUILDING COMPLEX
AND RECONFIGURATION OF THE
ENVIRONMENT OF THE MONASTERY

PROJECT PHASE B :
IMPLEMENTATION
GUEST HOUSE BUILDING (1919)

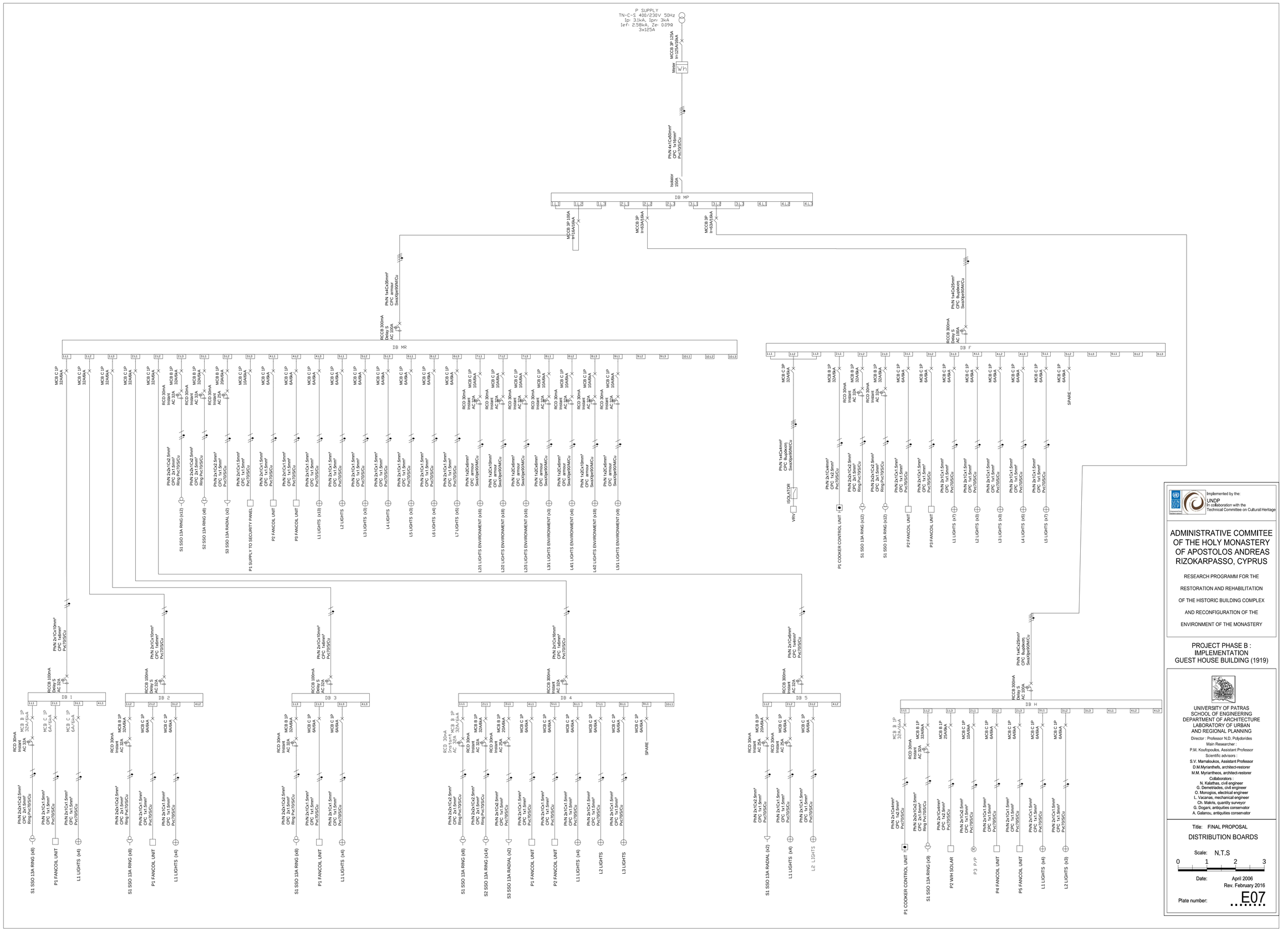
UNIVERSITY OF PATRAS
SCHOOL OF ENGINEERING
DEPARTMENT OF ARCHITECTURE
LABORATORY OF URBAN
AND REGIONAL PLANNING
Director : Professor N.D. Polydorides
Main Researcher :
P.M. Koufopoulos, Assistant Professor
Scientific advisors :
S.V. Mamaloukos, Assistant Professor
D.M.Myrianthefs, architect-restorer
M.M. Myriantheos, architect-restorer
Collaborators :
N. Kalathas, civil engineer
G. Demetriades, civil engineer
O. Monogios, electrical engineer
L. Vacanas, mechanical engineer
Ch. Makris, quantity surveyor
G. Dogani, antiquities conservator
A. Galanou, antiquities conservator

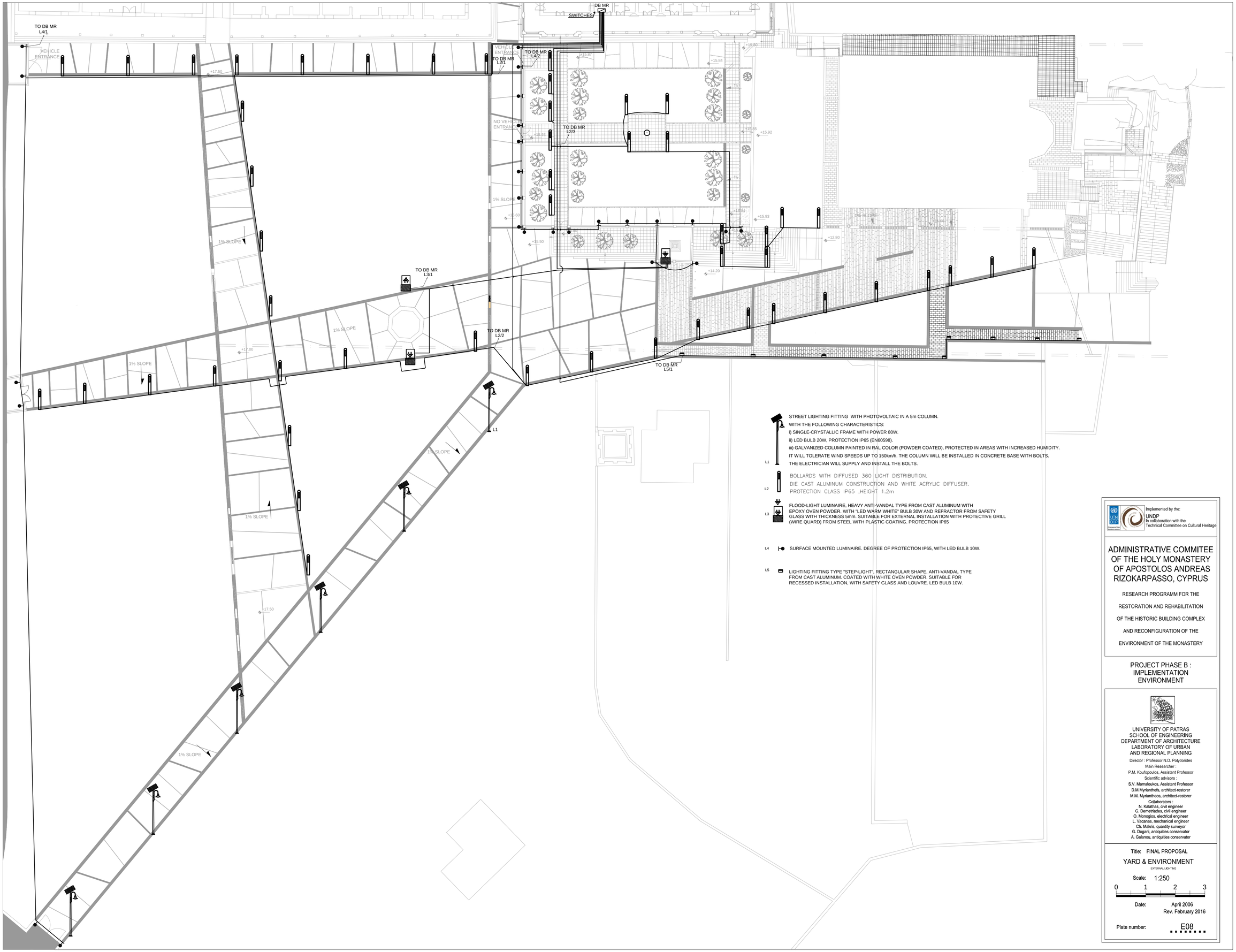
Title: FINAL PROPOSAL
CHAPEL
SMALL POWER, & LIGHTING

Scale: 1:100
0 1 2 3

Date: April 2006
Rev. February 2016

Plate number: E06


P SUPPLY
TN-C-S 400/230V 50Hz
Ip: 21kA, Ipn: 3kA
Ief: 2.5kA, Ze: 0.09Ω
3x125A
MCCB 3P 125A
Im:1250-1(0)A
Meter
PhN 4x(1Cx50mm²
CPC 1x16mm²
Pvc/105/Cu
Instalcor
150A
DB MP
MCCB 3P 100A
Im=116A/16kA
MCCB 3P
Im=63A/16kA
MCCB 3P
Im=63A/16kA
PhN 1x4Cx35mm²
CPC 1x16mm²
SwaXlpe/90/MCu
RCCB 300mA
Delay S
AC 125A
DB MR
PhN 1x4Cx25mm²
CPC 1x16mm²
SwaXlpe/90/MCu
RCCB 300mA
Delay S
AC 125A
DB F
MCB C 1P
32A/6kA
MCB B 1P
32A/6kA
MCB C 1P
6A/6kA
RCD 30mA
Instant
AC 32A
MCB B 1P
20A/6kA
MCB C 1P
10A/6kA
RCD 30mA
Instant
AC 25A
SPARE
S1 SSO 13A RING (x8)
P1 FANCOIL UNIT
L1 LIGHTS (x4)
S2 SSO 13A RING (x8)
S3 SSO 13A RADIAL (X2)
P1 SUPPLY TO SECURITY PANEL
P2 FANCOIL UNIT
P3 FANCOIL UNIT
L1 LIGHTS (x13)
L2 LIGHTS
L3 LIGHTS (x3)
L4 LIGHTS
L5 LIGHTS (x3)
L6 LIGHTS (x4)
L7 LIGHTS (x5)
L21 LIGHTS ENVIRONMENT (x16)
L22 LIGHTS ENVIRONMENT (x18)
L23 LIGHTS ENVIRONMENT (x16)
L31 LIGHTS ENVIRONMENT (x3)
L41 LIGHTS ENVIRONMENT (x6)
L42 LIGHTS ENVIRONMENT (x18)
L51 LIGHTS ENVIRONMENT (x9)
ISOLATOR
P1 COOKER CONTROL UNIT
S1 SSO 13A RING (x12)
P2 FANCOIL UNIT
P3 FANCOIL UNIT
L1 LIGHTS (x7)
L2 LIGHTS (x3)
L3 LIGHTS (x3)
L4 LIGHTS (x5)
L5 LIGHTS (x7)
DB 1
DB 2
DB 3
DB 4
DB 5
DB H
PhN 2x2x10+2x2.5mm²
CPC 2x1.5mm²
Ring Pvc/105/Cu
PhN 2x2x10+2x2.5mm²
CPC 2x1.5mm²
Ring Pvc/105/Cu
PhN 2x1Cx2.5mm²
CPC 1x1.5mm²
Pvc/105/Cu
PhN 2x1Cx1.5mm²
CPC 1x1.5mm²
Pvc/105/Cu
PhN 2x2x10+2x2.5mm²
CPC 2x1.5mm²
Ring Pvc/105/Cu
PhN 2x1Cx1.5mm²
CPC 1x1.5mm²
Pvc/105/Cu
PhN 2x1Cx2.5mm²
CPC 1x1.5mm²
Pvc/105/Cu
PhN 2x1Cx1.5mm²
CPC 1x1.5mm²
Pvc/105/Cu
PhN 2x2x10+2x2.5mm²
CPC 2x1.5mm²
Ring Pvc/105/Cu
PhN 2x1Cx1.5mm²
CPC 1x1.5mm²



L1 STREET LIGHTING FITTING WITH PHOTOVOLTAIC IN A 5m COLUMN.
WITH THE FOLLOWING CHARACTERISTICS:
i) SINGLE-CRYSTALLIC FRAME WITH POWER 80W.
ii) LED BULB 20W, PROTECTION IP65 (EN60598).
iii) GALVANIZED COLUMN PAINTED IN RAL COLOR (POWDER COATED), PROTECTED IN AREAS WITH INCREASED HUMIDITY.
IT WILL TOLERATE WIND SPEEDS UP TO 150km/h. THE COLUMN WILL BE INSTALLED IN CONCRETE BASE WITH BOLTS.
THE ELECTRICIAN WILL SUPPLY AND INSTALL THE BOLTS.

L2 BOLLARDS WITH DIFFUSED 360 LIGHT DISTRIBUTION.
DIE CAST ALUMINUM CONSTRUCTION AND WHITE ACRYLIC DIFFUSER.
PROTECTION CLASS IP65 ,HEIGHT 1.2m

L3 FLOOD-LIGHT LUMINAIRE, HEAVY ANTI-VANDAL TYPE FROM CAST ALUMINUM WITH EPOXY OVEN POWDER. WITH "LED WARM WHITE" BULB 30W AND REFRACTOR FROM SAFETY GLASS WITH THICKNESS 5mm. SUITABLE FOR EXTERNAL INSTALLATION WITH PROTECTIVE GRILL (WIRE QUARD) FROM STEEL WITH PLASTIC COATING. PROTECTION IP65

L4 SURFACE MOUNTED LUMINAIRE. DEGREE OF PROTECTION IP65, WITH LED BULB 10W.

L5 LIGHTING FITTING TYPE "STEP-LIGHT", RECTANGULAR SHAPE, ANTI-VANDAL TYPE FROM CAST ALUMINUM. COATED WITH WHITE OVEN POWDER. SUITABLE FOR RECESSED INSTALLATION, WITH SAFETY GLASS AND LOUVRE. LED BULB 10W.

Implemented by the:
UNDP
In collaboration with the
Technical Committee on Cultural Heritage

ADMINISTRATIVE COMMITEE OF THE HOLY MONASTERY OF APOSTOLOS ANDREAS RIZOKARPASSO, CYPRUS

RESEARCH PROGRAMM FOR THE
RESTORATION AND REHABILITATION
OF THE HISTORIC BUILDING COMPLEX
AND RECONFIGURATION OF THE
ENVIRONMENT OF THE MONASTERY

PROJECT PHASE B :
IMPLEMENTATION
ENVIRONMENT

UNIVERSITY OF PATRAS
SCHOOL OF ENGINEERING
DEPARTMENT OF ARCHITECTURE
LABORATORY OF URBAN
AND REGIONAL PLANNING
Director : Professor N.D. Polydorides
Main Researcher :
P.M. Koufopoulos, Assistant Professor
Scientific advisors :
S.V. Mamaloukos, Assistant Professor
D.M.Myrianthefs, architect-restorer
M.M. Myriantheos, architect-restorer
Collaboratos :
N. Kalathas, civil engineer
G. Demetriades, civil engineer
O. Monogios, electrical engineer
L. Vacanas, mechanical engineer
Ch. Makris, quantity surveyor
G. Dogani, antiquities conservator
A. Galanou, antiquities conservator

Title: FINAL PROPOSAL

YARD & ENVIRONMENT
EXTERNAL LIGHTING

Scale: 1:250
0 1 2 3

Date: April 2006
Rev. February 2016

Plate number: E08