

HIGHER TECHNICAL INSTITUTE

ELECTRICAL ENGINEERING DEPARTMENT

DIPLOMA PROJECT

E.M.21

DESIGN OF THE ELECTRICAL SERVICES
OF A BLOCK OF FLATS

ANDREAS JOSEPHIDES

JUNE 2007

HIGHER TECHNICAL INSTITUTE	PROJECT NO
	3715 A

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**DESIGN OF THE ELECTRICAL
SERVICES OF A BLOCK OF FLATS**

DRAWINGS

E.5953

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DRAWINGS

Drawing No:	Description
E/1	LIGHTING LAYOUT (SWITCHING) - BASEMENT
E/2	LIGHTING LAYOUT (SWITCHING) - GROUND FLOOR
E/3	LIGHTING LAYOUT (SWITCHING) - FIRST, SECOND AND THIRD FLOOR
E/4	LIGHTING LAYOUT (SWITCHING) - FOURTH FLOOR
E/5	LIGHTING LAYOUT (SWITCHING) - ROOF
E/6	CONDUIT RUNS FOR LIGHTING - BASEMENT
E/7	CONDUIT RUNS FOR LIGHTING - GROUND FLOOR
E/8	CONDUIT RUNS FOR LIGHTING - FIRST, SECOND AND THIRD FLOOR
E/9	CONDUIT RUNS FOR LIGHTING - FOURTH FLOOR
E/10	CONDUIT RUNS FOR LIGHTING - ROOF
E/11	SOCKET OUTLETS INSTALLATION - BASEMENT
E/12	SOCKET OUTLETS INSTALLATION - GROUND FLOOR
E/13	SOCKET OUTLETS INSTALLATION - FIRST, SECOND AND THIRD FLOOR
E/14	SOCKET OUTLETS INSTALLATION - FOURTH FLOOR
E/15	SOCKET OUTLETS INSTALLATION - ROOF
E/16	AIR CONDITION INSTALLATION - FIRST, SECOND AND THIRD FLOOR
E/17	AIR CONDITION INSTALLATION - FOURTH FLOOR
E/18	POWER SUPPLY TO ELECTRICAL APPLIANCES - FIRST, SECOND AND THIRD FLOOR
E/19	POWER SUPPLY TO ELECTRICAL APPLIANCES - FOURTH FLOOR
E/20	STORAGE HEATERS INSTALLATION - FIRST, SECOND AND THIRD FLOOR
E/21	STORAGE HEATERS INSTALLATION - FOURTH FLOOR
E/22	TELEPHONE AND TV SYSTEMS INSTALLATION - GROUND FLOOR
E/23	TELEPHONE AND TV SYSTEMS INSTALLATION - FIRST, SECOND AND THIRD FLOOR
E/24	TELEPHONE AND TV SYSTEMS INSTALLATION - FOURTH FLOOR
E/25	FIRE ALARM, CALL SYSTEMS AND DOOR BELL INSTALLATION - BASEMENT
E/26	FIRE ALARM, CALL SYSTEMS AND DOOR BELL INSTALLATION - GROUND FLOOR
E/27	FIRE ALARM, CALL SYSTEMS AND DOOR BELL INSTALLATION - FIRST, SECOND AND THIRD FLOOR
E/28	FIRE ALARM, CALL SYSTEMS AND DOOR BELL INSTALLATION - FOURTH FLOOR
E/29	FIRE ALARM, CALL SYSTEMS AND DOOR BELL INSTALLATION - ROOF
E/30	LIGHTNING PROTECTION SYSTEM - ROOF
E/31	LIGHTNING PROTECTION SYSTEM - EAST VIEW
E/32	LIGHTNING PROTECTION SYSTEM - WEST VIEW
E/33	LIGHTNING PROTECTION SYSTEM - SOUTH VIEW
E/34	LIGHTNING PROTECTION SYSTEM - NORTH VIEW
E/35	CONDUIT ROUTES FOR SUPPLY CABLES - BASEMENT
E/36	CONDUIT ROUTES FOR SUPPLY CABLES - GROUND FLOOR
E/37	CONDUIT ROUTES FOR SUPPLY CABLES - FIRST FLOOR
E/38	CONDUIT ROUTES FOR SUPPLY CABLES - FOURTH FLOOR
E/39	CONDUIT ROUTES FOR SUPPLY CABLES - ROOF