

**LEGEND**

100	CONDUIT (OR CABLES AS APPLICABLE)
---	CONCEALED (EMBEDDED) IN CEILING OR WALL
---	EXPOSED UNDER CEILING (ABOVE FALSE CEILING AS APPLICABLE) OR WALL (SEE NOTE 2.1)
---	UNDERFLOOR OR UNDERTILES
---	EXPOSED UNDER CEILING (IN APARTMENT)
~~~~~	FLEXIBLE CORD
~~~~~	FLEXIBLE CONDUIT
↻	TURNING UP
↻	TURNING DOWN
---	CONTINUED AS INDICATED
⊕	HOME RUN TO PANELBOARD UNLESS OTHERWISE INDICATED (1) - CIRCUIT REFERENCE
⊕	HOME RUN TO LIGHTING SWITCH ASSEMBLY (a) - SWITCH REFERENCE
⊕	GROUPING (30) - CONDUITS OR CABLES IN GROUP UNLESS OTHERWISE INDICATED
N	ADDITIONAL NOTATION WHERE FUNCTION IS NOT OBVIOUS:
N=1	TELEPHONE (TTT) - NUMBER OF ONE PAIR CABLES IN CONDUIT (10T) - NUMBER OF PAIRS IN A MULTICORE CABLE IN CONDUIT UNLESS OTHERWISE INDICATED
N=C	CONTROL (SEE NOTE 8.1)
N=F	FIRE ALARM
N=TV	TELEVISION ANTENNA OR CCTV CABLING AS APPLICABLE
N=M	SOUND SYSTEM
N=L	LIGHTING
N=EC	SPARE EMPTY CONDUIT
N=I	INTERCOM OR INTERPHONE
N=B	BELL SYSTEM
N=CM	COMPUTER SYSTEM
125	<b>BOXES</b>
⊕	JUNCTION, PULL OR TERMINAL, CEILING MOUNTED SEE NOTES 2, 3, 7, 1
⊕	SAME AS ABOVE BUT MURAL
⊕	SAME AS ABOVE BUT MURAL SPLASHPROOF
⊕	JUNCTION, PULL OR TERMINAL, FLOOR FLUSH MOUNTED
⊕	JUNCTION, PULL OR TERMINAL, FLOOR PEDESTAL MOUNTED
⊕	PULL BOX PROVIDING TRANSITION FROM CONCEALED TO EXPOSED CONDUIT
135	<b>MISC. CONDUCTOR HOUSING &amp; SUPPORTS</b>
	CABLE TRAY
150	<b>LIGHTING OUTLETS</b>
○	CEILING MOUNTED
⊕	WALL MOUNTED
⊕	FOR KITCHEN UNDER CABINET LIGHTING
⊕	WALL MOUNTED FOR DECORATIVE PAINTING FIXTURE
⊕	LIGHTING OUTLET PROVISIONAL IN PROVISIONAL CEILING
⊕	EMBEDDED CEILING OUTLET FOR FUTURE DECORATIVE FIXTURE
1, 2, 3, ...	CIRCUIT REFERENCES
A, B, ...	FIXTURE REFERENCES
a, b, ...	SWITCH REFERENCES
180	<b>CONTACTORS</b>
⊕	WITHOUT TIME DELAY
⊕	WITH TIME DELAY
3 x 15 A (3) - NUMBER OF POLES (15) - RATING IN AMPS	
⊕	SURFACE MOUNTED LIGHTING CONTACTOR PANEL
200	<b>LIGHTING FIXTURES</b>
○	DECORATIVE INCANDESCENT, FLUOR METAL HALIDE OR MERCURY VAPOR WITH LIGHTING OUTLET
□	FLUORESCENT RECTANGULAR
□	FLUORESCENT SQUARED
⊕	SAME AS ITEMS 201, 202, 203 AND ONE OF THE LAMPS IN THE FIXTURE SHALL BE FITTED WITH A BATTERY BACKUP UNIT, 3 HRS DURATION ON EMERGENCY (UPON POWER FAILURE)
⊕	EMERGENCY BATTERY OPERATED DECORATIVE TYPE, h=225cm A.F.F.L.
⊕	EMERGENCY BATTERY OPERATED DECORATIVE TYPE, h=50cm A.F.F.L., PROTECTED BY STEEL SHIELD.
⊕	BATTERY OPERATED AUXILIARY LIGHTING UNIT WITH TWO 25 WATT LAMPS, h=230cm
⊕	WALL MOUNTED EXIT LIGHT
1, 2, ...	CIRCUIT REFERENCES
65EC236	FIXTURE REFERENCES
A, B, ...	REFERENCE NAME
a, b, ...	SWITCH REFERENCES

**LEGEND**

250	<b>LIGHTING SWITCHES</b> h=120 (SEE NOTES 3.1, 2)
⊕	ONE WAY ONE GANG
⊕	ONE WAY TWO GANG
⊕	ONE WAY THREE GANG
⊕	ONE WAY FOUR GANG
⊕	TWO WAY (ONE GANG)
⊕	TWO WAY (TWO GANG)
⊕	THREE WAY (INTERMEDIATE)
⊕	ONE WAY ONE GANG WITH PILOT LIGHT
⊕	DOOR CONTACT
⊕	ONE WAY ONE GANG WITH LOCATOR LIGHT
⊕	LIGHTING SWITCH ASSEMBLY (LSP) LIGHTING SWITCH ASSEMBLY (N) REFERENCE SWITCHES 20 = AN
⊕	DIMMER, 1000 WATTS UNLESS OTHERWISE INDICATED
⊕	SAME AS ABOVE BUT TWO WAY
a, b, ...	LIGHTING OR OTHER SWITCHED DEVICE REFERENCE
275	<b>OTHER SWITCHES</b> h = 125
⊕	DOUBLE POLE 20 AMP FOR AC, WATER HEATER AND APPLIANCE AS APPLICABLE
⊕	DOUBLE 30 AMP FOR A/C, FOR APPLIANCE AS APPLICABLE AND 20 AMP FOR HAND DRYER
⊕	DISCONNECTING SWITCH (3) - NUMBER OF SWITCHED POLES (30) - RATING IN AMPS
⊕	DITTO BUT PEDESTAL MOUNTED
⊕	FAN COIL UNIT DISCONNECTING SWITCH
⊕	CONTACTOR CONTROL PUSHBUTTON STATION WITH PILOT LIGHT MOMENTARY CONTACT TYPE WITH ONE PUSHBUTTON
⊕	CONTACTOR CONTROL PUSHBUTTON STATION WITH PILOT LIGHT MOMENTARY CONTACT TYPE WITH ONE PUSHBUTTON WITH PILOT LIGHT
⊕	CONTACTOR CONTROL PUSHBUTTON STATION MOMENTARY CONTACT TYPE WITH TWO PUSHBUTTON
⊕	SAME AS ABOVE BUT MAINTAINED CONTACT TYPE
⊕	SAME AS ABOVE BUT WITH THREE PUSHBUTTONS
⊕	45 AMP DOUBLE POLE SWITCH FOR COOKER
⊕	WAV UNIT DISCONNECTING SWITCH
⊕	WRV INDOOR UNIT DISCONNECTING SWITCH (2X20A IP40)
300	<b>SOCKET OUTLETS</b> h = 30cm OR AS SHOWN ON THIS DWG. (SEE NOTE 3.3)
⊕	16 AMP SIMPLEX - 2P + E
⊕	16 AMP DUPLEX - 2P + E, SPLASHPROOF
⊕	16 AMP DUPLEX - 2P + E, FED FROM UPS
⊕	16 AMP DUPLEX - 2P + E, FED FROM IT PANEL
⊕	16 AMP SIMPLEX - 2P + E AND FLOOR MOUNTED
⊕	16 AMP DUPLEX - 2P + E, SPLASHPROOF
⊕	16 AMP SIMPLEX - 2P + E, SPLASHPROOF
⊕	CABLE CONNECTION UNIT
⊕	16 AMP SIMPLEX - 2P + E, FOR TV, CEILING MOUNTED
⊕	20AMP INDUSTRIAL EARTHED, 3 PHASE SOCKET OUTLET
⊕	15AMP INDUSTRIAL EARTHED SOCKET OUTLET
⊕	NUMBER OF LINE PHASE CONNECTIONS / NEUTRAL CONNECTION
⊕	16 AMP DUPLEX - 2P + E FLOOR FLUSH MOUNTED
⊕	16 AMP DUPLEX - 2P + E, FLOOR MOUNTED FED FROM UPS
1, 2, ...	CIRCUIT REFERENCE
350	<b>BOARDS, WALL MOUNTED</b>
⊕	RECESS MOUNTED
⊕	SURFACE MOUNTED
LP	LIGHTING PANELBOARD
PP	POWER PANELBOARD
DP	DISTRIBUTION PANELBOARD
PCP	PUMP CONTROL PANEL
⊕	CONTROL PANEL FOR AIR HANDLER
⊕	SAME AS ABOVE AND CONNECTED TO EMERGENCY
...	REFERENCE NAME
MSP, EMSP	MOTOR STARTER PANEL
⊕	REMOTE CONTROL STATION OF A/C SYSTEM (CHILLERS, ROOF TOP UNIT)

**LEGEND**

375	<b>BOARDS, FREE STANDING</b>
DS-N	DISTRIBUTION SWITCHBOARD, (N) - REFERENCE
MCC-N	MOTOR CONTROL CENTER, (N) - REFERENCE
EDS, EMCC	SAME AS ABOVE AND CONNECTED TO EMERGENCY
⊕	COCP CONTROL PANEL OF CO
400	<b>STARTERS, INDIVIDUALLY MOUNTED</b>
⊕	DIRECT ON LINE NON-REVERSING UNLESS OTHERWISE INDICATED SEE NOTE 5.1
⊕	SAME AS ABOVE BUT COMBINATION TYPE 3AN REFERS TO DISCONNECT SWITCH RATING
Y & Δ	STAR - DELTA
410	<b>FANS</b>
⊕	EXHAUST FAN MURAL WITH FLEX OUTLET
⊕	EXHAUST FAN CEILING
⊕	ROOF VENTILATOR
⊕	CEILING
⊕	REGULATOR FOR CEILING FAN
450	<b>MISCELLANEOUS</b>
⊕	HANDHOLE TYPE AS INDICATED
⊕	MANHOLE TYPE AS INDICATED
⊕	GROUNDING (EARTHING) PIT
⊕	OUTLET BOX FOR REMOTE CONTROL DEVICE FOR DOOR OPENER
⊕	DIMMER REMOTE CONTROLLER
⊕	LIGHTNING AIR TERMINAL
⊕	AUTOMATIC TRANSFER SWITCH
⊕	MANUAL TRANSFER SWITCH
⊕	OUTLET BOX FOR A/C THERMOSTAT h=140cm
⊕	PHOTOCELL UNIT
⊕	TRANSFORMER CABINET OF SWIMMING POOL LIGHTING
⊕	STEP DOWN TRANSFORMER 220/12V FOR LOW VOLTAGE HALOGEN LIGHTING
500	<b>TELECOM SYSTEM</b>
⊕	TELEPHONE OUTLET (WALL MOUNTED), RJ45 h=30cm ABOVE F.F.L.
⊕	TELEPHONE OUTLET FLOOR MOUNTED, RJ45
⊕	TELEPHONE OUTLET FOR WALL MOUNTED HAND SET, RJ45 h=150cm ABOVE F.F.L.
⊕	DATA OUTLET, RJ45
⊕	DATA OUTLET, RJ45, FLOOR MOUNTED
⊕	CONSOLIDATION POINT
⊕	INTERMEDIATE DISTRIBUTION FRAME
⊕	MAIN DISTRIBUTION FRAME
⊕	RJ45 OUTLET FOR ACCESS POINT FOR WI-FI
530	<b>FIRE ALARM SYSTEM</b>
⊕	ANALOGUE ADDRESSABLE OPTICAL SMOKE DETECTOR
⊕	ANALOGUE ADDRESSABLE OPTICAL SMOKE DETECTOR, LOCATED ABOVE FALSE CEILING
⊕	ANALOGUE ADDRESSABLE HEAT DETECTOR FIXED TEMPERATURE / RATE OF RISE
⊕	ANALOGUE ADDRESSABLE FLAME DETECTOR
⊕	ANALOGUE ADDRESSABLE COMBINED HEAT SMOKE DETECTOR
⊕	MANUAL FIRE ALARM STATION, h=130cm
⊕	MANUAL FIRE ALARM STATION, h=130cm (WATERTIGHT)
⊕	ANALOGUE ADDRESSABLE HEAT/CO DETECTOR
⊕	FIRE ALARM SOUNDER WITH STROBE LIGHT, h=240cm
⊕	FIRE ALARM SOUNDER WITH STROBE LIGHT, h=240cm (WATERTIGHT)
⊕	FIRE ALARM CONTROL PANEL
⊕	FIRE ALARM REPEATER PANEL
⊕	EMERGENCY FIRE TELEPHONE
⊕	FIRE ALARM FLASHER
⊕	FIRE ALARM FLASHER (WATERTIGHT)
⊕	FIRE ALARM SIREN (WATERTIGHT)
514	<b>TV SYSTEM</b>
⊕	TV OUTLET h=30cm ABOVE F.F.L.
⊕	TV OUTLET h=160cm ABOVE F.F.L.

**LEGEND**

600	<b>GENERAL</b>
⊕	SECTION ELEVATION OR DETAIL (M) - REFERENCE NUMBER, (N) DRAWING NUMBER ON WHICH SECTION, ... APPEAR
⊕	SECTION, ELEVATION OR DETAIL (M) - REFERENCE, (N) - DRAWING NUMBER WHERE SECTION, ELEVATION OR DETAIL APPEARS
⊕	SPACE COVERED WITH FALSE CEILING
⊕	EQUIPMENT LOCATED IN ATTIC OR ABOVE FALSE CEILING
⊕	SINGLE LINE
⊕	CIRCUIT BREAKER (3) - NUMBER OF POLES, (15) - TRIP RATING IN AMPS
⊕	MOTORIZED CIRCUIT BREAKER (3) - NUMBER OF POLES, (15) - CONTINUOUS CURRENT RATING
⊕	DISCONNECTING SWITCH (3), (15)
⊕	DRAW OUT CIRCUIT BREAKER (3), (1500), (2000) - FRAME SIZE
⊕	CIRCUIT BREAKER (3) - NUMBER OF POLES, (15) - TRIP RATING IN AMPS WITH CURRENT LIMITER
⊕	FUSE
⊕	FUSIBLE SWITCH (3) - NUMBER OF SWITCHED POLES (15) - FUSE RATING (30) SWITCH FRAME SIZE
⊕	EARTH LEAKAGE CIRCUIT BREAKER
⊕	CONTACTOR MAIN CONTACTS
⊕	FULL VOLTAGE NON-REVERSING (DIRECT ON LINE) STARTER SEE NOTE 5.1
⊕	GROUND SENSING RELAY
⊕	STAR - DELTA
⊕	AUTO TRANSFORMER 65 %
⊕	KILOWATT - HOUR METER
⊕	GENERATING SET
⊕	AUXILIARY COIL
⊕	TRANSFORMER
⊕	CONTACTOR MAIN COIL
⊕	SELECTOR SWITCH (2) - NUMBER OF SELECTION POSITIONS
⊕	HAND-OFF AUTO SELECTOR SWITCH
⊕	AUTOMATIC ELECTRIC ALTERNATOR
⊕	AMMETER
⊕	VOLTMETER
⊕	VOLTMETER SELECTOR SWITCH
⊕	AMMETER SELECTOR SWITCH
⊕	PILOT LIGHT (G) - GREEN, (R) - RED, (A) - AMBER
⊕	POTENTIAL TRANSFORMER
⊕	CURRENT TRANSFORMER
⊕	DIMMER REMOTE CONTROL STATION
⊕	GROUNDING (EARTHING)
⊕	DIMMER MODULE WITH FUSE OR BREAKER IN DIMMER ASSEMBLY PACK AS INDICATED
⊕	DIMMER MODULE WITH FUSE OR BREAKER IN DIMMER ASSEMBLY PACK AS INDICATED FOR FLUORESCENT LIGHTING
⊕	GENERATOR FOR FIBER OPTICS
⊕	ON/OFF PUSHBUTTON FOR AIR HANDLER
⊕	ON/OFF PUSHBUTTON FOR EXHAUST FAN

**CONDUIT SIZES SHALL BE TABULATED BELOW AS MINIMUM REQUIREMENT**

CABLE SIZE	CONDUIT SIZE				
	φ 20 mm	φ 25 mm	φ 32 mm	φ 38 mm	φ 50 mm
2.5 mm <sup>2</sup>	5	-	-	-	-
4 mm <sup>2</sup>	4	5	-	-	-
6 mm <sup>2</sup>	3	5	-	-	-
10 mm <sup>2</sup>	2	3	5	-	-
16 mm <sup>2</sup>	-	2	4	5	-
25 mm <sup>2</sup>	-	-	3	4	-
35 mm <sup>2</sup>	-	-	2	3	5
50 mm <sup>2</sup>	-	-	-	-	4

MAXIMUM NUMBER OF CABLES (OTHER THAN GROUNDING)

**GENERAL NOTES**

- THE FOLLOWING NOTES SHALL APPLY TO ALL THE ELECTRICAL DRAWINGS AS APPLICABLE UNLESS OTHERWISE INDICATED OR NOTED
- DO NOT SCALE FROM THE LAYOUT DRAWINGS WORK ACCORDING TO ARCHITECTURAL & ELECTRICAL DETAILS UNLESS OTHERWISE AUTHORIZED
- THE ELECTRICAL DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE REST OF THE DRAWINGS PERTAINING TO ARCHITECTURE, STRUCTURE, AIRCONDITIONING, PLUMBING, DECORATION AND THE SPECIFICATIONS, AS APPLICABLE
- ALL DIMENSIONS SHOWN ON DETAILS ARE IN cm UNLESS OTHERWISE INDICATED
- ALL EXPOSED CONDUITS ABOVE FALSE CEILING SHALL BE CONCEALED WHEN RUN IN WALLS BELOW FALSE CEILING
- EQUIPMENT GROUNDING (EARTH CONTINUITY) CONDUCTORS ARE NOT SHOWN ON SINGLE LINE DIAGRAMS THEY SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS
- LIGHTING POINTS AND JUNCTION BOXES SHALL BE EXPOSED OR CONCEALED IN CONFORMANCE WITH ASSOCIATED CONDUITS
- PENDANT LIGHTING POINT SHALL CONSIST OF A CEILING ROSE, FLEXIBLE CORD, A LAMPHOLDER AND A 100 WATT INSIDE FROTED INCANDESCENT LAMP MOUNTED AT h=230
- SHAPE AND DIMENSIONS OF SYMBOL USED FOR FLUORESCENT AND / OR INCANDESCENT FIXTURES DO NOT NECESSARILY REPRESENT SHAPE AND DIMENSIONS OF ACTUAL FIXTURE INTENDED, FOR THIS PURPOSE REFER TO LIGHTING FIXTURES SCHEDULE AS APPLICABLE
- OUTLET BOX FOR FALSE CEILING MOUNTED LIGHTING FIXTURE SHALL BE POSITIONED SUCH THAT IT WILL NOT BE OBSTRUCTED BY A/C DUCTS, PIPES, ETC... THE CONTRACTOR SHALL COORDINATE WITH THE A/C AND PLUMBING CONTRACTOR FOR THIS PURPOSE, PRIOR TO INSTALLING THE BOXES
- LIGHTING FIXTURES NEAR FALSE CEILING SHALL BE FED THROUGH AN EXPOSED LIGHTING OUTLET (ABOVE FALSE CEILING) CEILING ROSE AND A HEAT RESISTANT FLEXIBLE CORD AS SPECIFIED
- LIGHTING SWITCHES IN BEDROOM NEAR BED SHALL BE LOCATED AT h = 60
- LIGHTING SWITCHES NEAR DOORS SHALL BE INSTALLED AT 8 cm. FROM ARCHITRAVE (MEASURED FROM EDGE OF SWITCH)
- RECEPTACLES (SOCKET OUTLETS) SHALL BE LOCATED AT h=120 IN KITCHEN IF INSTALLED ABOVE COUNTER
- THE MINIMUM CONDUIT SIZE USED SHALL BE 20mm
- TELEPHONE CONDUIT SIZES SHALL BE MINIMUM φ 20 mm FOR 2 PAIRS CAT 3 AND 3 PAIRS CAT 3 AND φ 20 mm FOR ONE CAT 6 4 PAIRS
- STARTERS SHALL HAVE HORSE - POWER RATING NOT SMALLER THAT THE HORSE - POWER RATING OF THE RELEVANT MOTOR
- THE CONTRACTOR SHALL PROVIDE ALL NECESSARY CONDUITS AND OUTLETS BOXES FOR LIFT SIGNAL EQUIPMENT (CALL BUTTONS, POSITION INDICATORS, ETC...) AS REQUIRED
- ALL CONDUCTORS 10 mm<sup>2</sup> AND SMALLER SHOWN ARE SINGLE CORE IN CONDUITS UNLESS OTHERWISE INDICATED
- LOCATION OF JUNCTION AND PULL BOXES SHALL BE TO THE APPROVAL OF THE ENGINEER
- THE CONTRACTOR MAY RUN MORE THAN ONE CIRCUIT IN THE SAME CONDUIT ONLY IF THEY ARE FED FROM THE SAME PHASE, EACH CIRCUIT SHALL HAVE A SEPARATE GROUNDING CONDUCTOR
- ALL CONTROL WIRES BETWEEN EQUIPMENT SUPPLIED UNDER THE MECHANICAL SECTION AND THEIR CONTROL DEVICES WILL BE SUPPLIED AND INSTALLED BY OTHERS
- ALL MOTORS STARTERS AND OTHER THREE PHASE EQUIPMENT MAY HAVE THEIR CONTROL ON 220 VOLTS - IN CASE CONTROL OF SUCH EQUIPMENT IS 127 VOLTS, THE CONTRACTOR SHALL PROVIDE A NEUTRAL WIRE IN THE CIRCUIT AT NO EXTRA COST.
- THREE PHASE HEATERS ARE ASSUMED TO BE DELTA CONNECTED, THE CONTRACTOR SHALL OTHERWISE PROVIDE A FULL SIZE NEUTRAL IN THE CIRCUIT AT NO EXTRA COST.
- THE TERMINAL LUGS OF ALL CIRCUIT BREAKERS AND DISCONNECTING SWITCHES SHALL BE PROPERLY SIZED TO ACCOMMODATE THEIR CORRESPONDING CONNECTED CABLES AS INDICATED ON THE DRAWINGS. THIS MIGHT NECESSITATE OFF - STANDARD OVERSIZING
- ALL CIRCUIT BREAKERS SHALL HAVE FRAME SIZES EQUAL TO THE TRIP RATING OR NEXT HIGHER STANDARD VALUE UNLESS THE BUSBAR BRACING OF THE CORRESPONDING PANELBOARD IS INDICATED WHICH CASE THE FRAME SIZE OF THE CIRCUIT BREAKERS IN THAT PANELBOARD SHALL BE INCREASED TO PROVIDE AN RMS SYMMETRICAL SHORT CIRCUIT INTERRUPTING RATING EQUAL TO OR GREATER THAN BRACING RATING
- CONDUIT FOR POWER AND LIGHTING WIRES AND CABLES SHALL HAVE SIZES AS TABULATED HEREINAFTER AS A MINIMUM REQUIREMENT
- WEATHERPROOF ENCLOSURES SHALL BE IP 54
- WATERTIGHT ENCLOSURES SHALL BE IP 55
- SPLASHPROOF ENCLOSURES SHALL BE IP 44

**ABBREVIATIONS**

W/H	WATER HEATER
A/C	AIR CONDITIONING
FAF	FRESH AIR FAN
EXF	EXHAUST FAN
RTU	ROOF TOP UNIT
C/U	CONDENSING UNIT
φ	CIRCUIT
Ph	PHASE
φ	DIAMETER
h	HEIGHT ABOVE FFL IN cm, MEASURED FROM CENTER LINE
FFL	FINISHED FLOOR LEVEL
X	EXPLOSION PROOF
WP	WEATHERPROOF (NOTE 11.1)
WS	WATERTIGHT (NOTE 11.2)
W	SPLASHPROOF (NOTE 11.3)
* VD	VOLTAGE DROP (TO INDICATE REASON OF CABLE OVERSIZING)
F.EXIT	FIRE EXIT
ARM	ARMOURD
SA	SMALL APPLIANCE
TR	TRANSFORMER
RMU	RING MAIN UNIT
LTG	LIGHTING
RCP	REMOTE CONTROL PANEL
WM	WASHING MACHINE
E. LTG	EMERGENCY LIGHTING
A. FL	ALL FLOOR
ST	STAIRS
DF	DRINKING FOUNTAIN
RCD	RESIDUAL CURRENT DEVICE
DL	DEMAND LOAD
ISC	RMS SHORT CIRCUIT CURRENT
BMS	BUILDING AUTOMATION AND CONTROL SYSTEM

Project:	Ch'him Governmental Offices Building Chouf, Lebanon	Title:	A0-Size	Date:			
Consultant:	Khatib & Alami Consolidated Engineering Co.	Area:	Electrical	Prefix:	E		
		No. of Sheets:	2				
		Revision:	a				
			b				
			c				
			d				
			e				
<b>GENERAL</b>							
S.N.	Sub Dwg	%	File No.	Sheet No.	Drawing name	Scale	Rev.
1			BY1516-EG-01	E001	Legend, General Notes & List of Drawings		N.T.S.
2			BY1516-EG-02	E002	Miscellaneous Details		N.T.S.
3			BY1516-EG-03	E003	Lighting Fixture Schedule		N.T.S.
4			BY1516-EG-04	E004	Power Riser		N.T.S.
5			BY1516-EG-05	E005	Power Schematics I		N.T.S.
6			BY1516-EG-06	E006	Panelboard schedules I		N.T.S.
7			BY1516-EG-07	E007	Panelboard schedules II		N.T.S.
8			BY1516-EG-08	E008	Fire Alarm Riser		N.T.S.
9			BY1516-EG-09	E009	Low Current Risers		N.T.S.
<b>PLANS</b>							
<b>LIGHTING SYSTEM LAYOUT</b>							
10			BY1516-EP-B02-L	E100	2nd Basement Floor Plan	Lighting System Layout	1/100
11			BY1516-EP-B01-L	E101	1st Basement Floor Plan	Lighting System Layout	1/100
12			BY1516-EP-GF-L	E102	Ground Floor Plan	Lighting System Layout	1/100
13			BY1516-EP-F01-L	E103	First Floor Plan	Lighting System Layout	1/100
14			BY1516-EP-F02-L	E104	Second Floor Plan	Lighting System Layout	1/100
15			BY1516-EP-F03-L	E105	Third Floor Plan	Lighting System Layout	1/100
16			BY1516-EP-RFL-L	E106	Roof Plan	Lighting System Layout	1/100
<b>POWER SYSTEM LAYOUT</b>							
17			BY1516-EP-B02-P	E200	2nd Basement Floor Plan	Power System Layout	1/100
18			BY1516-EP-B01-P	E201	1st Basement Floor Plan	Power System Layout	1/100
19			BY1516-EP-GF-P	E202	Ground Floor Plan	Power & Lightning Systems Layout	1/100
20			BY1516-EP-F01-P	E203	First Floor Plan	Power & Lightning Systems Layout	1/100
21			BY1516-EP-F02-P	E204	Second Floor Plan	Power & Lightning Systems Layout	1/100
22			BY1516-EP-F03-P	E205	Third Floor Plan	Power & Lightning Systems Layout	1/100
23			BY1516-EP-RFL-P	E206	Roof Plan	Power System Layout	1/100
24			BY1516-EP-TRF-P	E207	Top of Roof Plan	Lighting System Layout	1/100
<b>LOW CURRENT SYSTEM LAYOUT I</b>							
25			BY1516-EP-B02-LC1	E300	2nd Basement Floor Plan	Low Current System Layout I	1/100
26			BY1516-EP-B01-LC1	E301	1st Basement Floor Plan	Low Current System Layout I	1/100
27			BY1516-EP-GF-LC1	E302	Ground Floor Plan	Low Current System Layout I	1/100
28			BY1516-EP-F01-LC1	E303	First Floor Plan	Low Current System Layout I	1/100
29			BY1516-EP-F02-LC1	E304	Second Floor Plan	Low Current System Layout I	1/100
30			BY1516-EP-F03-LC1	E305	Third Floor Plan	Low Current System Layout I	1/100
31			BY1516-EP-RFL-LC1	E306	Roof Plan	Low Current System Layout I	1/100
<b>LOW CURRENT SYSTEM LAYOUT II</b>							
32			BY1516-EP-B01-LC2	E401	1st Basement Floor Plan	Low Current System Layout II	1/100
33			BY1516-EP-GF-LC2	E402	Ground Floor Plan	Low Current System Layout II	1/100
34			BY1516-EP-F01-LC2	E403	First Floor Plan	Low Current System Layout II	1/100
35			BY1516-EP-F02-LC2	E404	Second Floor Plan	Low Current System Layout II	1/100
36			BY1516-EP-F03-LC2	E405	Third Floor Plan	Low Current System Layout II	1/100

1 HEIGHT OF MANUAL FIRE ALARM STATION IS 200

HAS REVISION AS RECOMMENDED BY

SCOTTED

CLIENT: REGION: APP'D: DATE:

الجمهورية اللبنانية