

### POWER

- NON-ESSENTIAL SINGLE SWITCHED SOCKET OUTLET
- NON-ESSENTIAL DOUBLE SWITCHED SOCKET OUTLET
- STAINLESS STEEL METAL PLATE SWITCHED SOCKET OUTLET
- NON-ESSENTIAL SINGLE SWITCHED 3 PHASE SOCKET OUTLET
- ESSENTIAL SINGLE SWITCHED SOCKET OUTLET
- ESSENTIAL DOUBLE SWITCHED SOCKET OUTLET
- STAINLESS STEEL METAL PLATE ESSENTIAL DOUBLE SWITCHED SOCKET OUTLET
- ESSENTIAL SINGLE SWITCHED 3 PHASE SOCKET OUTLET
- SUSPENDED NON-ESSENTIAL SINGLE SWITCHED SOCKET OUTLET
- SUSPENDED NON-ESSENTIAL DOUBLE SWITCHED SOCKET OUTLET
- SUSPENDED ESSENTIAL SINGLE SWITCHED SOCKET OUTLET
- SUSPENDED ESSENTIAL DOUBLE SWITCHED SOCKET OUTLET
- THREE PHASE CONNECTION
- POWER SUPPLY FOR ESCALATOR
- POWER SUPPLY FOR TRAVELATOR
- POWER SUPPLY FOR LIFT
- POWER SUPPLY FOR AIR CONDITIONING
- POWER SUPPLY FOR AIR BRIDGE
- POWER SUPPLY FOR WASH HAND BASIN AUTO TAP
- POWER SUPPLY FOR FLUSHING VALVE
- POWER SUPPLY FOR TOILET EXTRACT FAN
- POWER SUPPLY FOR CLEANERS CLOCK
- POWER SUPPLY FOR HOT WATER CYLINDER
- POWER SUPPLY FOR SIGNAGE
- POWER SUPPLY FOR NIGS

### DISTRIBUTION

- MAIN SWITCHBOARD
- DISTRIBUTION BOARD
- MOTOR CONTROL CENTRE
- POWER CABLE TRAY
- COMMS CABLE TRAY
- COMMS CABLE BASKET
- CABLE LADDER

### SCHEMATICS

- SWITCH
- ON-LINE ISOLATION SWITCH (LOAD MAKE/BREAK)
- CIRCUIT BREAKER (RATING AS NOTED)
- XXX DENOTES OVERLOAD TRIP SETTING
- YYY DENOTES CIRCUIT BREAKER RATING
- INTERLOCK
- FUSE
- SINGLE PHASE
- THREE PHASE
- TRANSFORMER
- CURRENT TRANSFORMER
- MOTOR
- GENERATOR
- KILOWATT HOUR METER
- HOURS RUN METER
- EARTH
- SURGE ARRESTER - TYPE 1
- SURGE ARRESTER - TYPE 2
- ISOLATOR
- ON-LINE CFS UNIT
- CHANGE OVER WITH INTERLOCK
- CHANGE OVER
- RELAY
- TIME CLOCK
- POWER ANALYSER METER
- POWER FACTOR CORRECTION
- SURGE PROTECTION EQUIPMENT

### LIGHTING

- RECESSED LUMINAIRE (1200x300 FL)
- RECESSED LUMINAIRE (600x600 FL)
- SURFACE MOUNTED LUMINAIRE
- WALL MOUNTED LUMINAIRE (1x36W FL)
- DOWNLIGHT
- POLE MOUNTED LUMINAIRE 300Ø
- POLE MOUNTED LUMINAIRE (SQUARE)
- SINGLE POLE LIGHT SWITCH
- SUSPENDED LUMINAIRE
- STRIPLIGHT
- PIR SENSOR

### EMERGENCY LUMINAIRES

- SURFACE MOUNTED LUMINAIRE
- WALL MOUNTED BATTEN
- RECESSED EMERGENCY LUMINAIRE
- WALL MOUNTED EMERGENCY LUMINAIRE

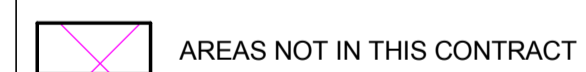
### EXIT SIGNS

- SURFACE MOUNTED EXIT SIGN
- SURFACE MOUNTED DOUBLE SIDED DIRECTIONAL EXIT SIGN (LEFT)
- SURFACE MOUNTED DOUBLE SIDED DIRECTIONAL EXIT SIGN (RIGHT)
- SURFACE MOUNTED DOUBLE SIDED DIRECTIONAL EXIT SIGN (LEFT/RIGHT)
- SURFACE MOUNTED SINGLE SIDED DIRECTIONAL EXIT SIGN (LEFT)
- SURFACE MOUNTED SINGLE SIDED DIRECTIONAL EXIT SIGN (RIGHT)
- SURFACE MOUNTED SINGLE SIDED DIRECTIONAL EXIT SIGN (LEFT/RIGHT)

### HATCHING KEY:



### PROJECT SCOPE KEY



### ABBREVIATIONS

- ETG EXISTING TO BE PROTECTED, CLEANED AND RETAINED
- CV CEILING VOID
- T/A TO ABOVE
- T/B TO BELOW
- CCTV CCTV POWER SUPPLY
- EMG EMERGENCY
- FIDS FLIGHT INFORMATION DISPLAY SYSTEM SUPPLY

### GENERAL NOTES

1. PLANT AREA LIGHTING IS INDICATIVE ONLY. EXACT POSITIONING OF LUMINAIRES TO BE AGREED ON SITE TO SUIT INSTALLED PLANT.
2. SEE ELECTRICAL SPECIFICATION FOR LUMINAIRE SCHEDULE
3. LOCATION OF PERMANENT POWER CONNECTIONS DENOTED IN THE DRAWINGS ARE INDICATIVE ONLY. THE CONTRACTOR SHALL COORDINATE THE EXACT LOCATIONS ON SITE.
4. ALL CABLE TRAYS AND EQUIPMENT SHOWN UNDER GATE 19 ARE PART OF FUTURE WORKS AND FOR INFORMATION ONLY.

**FOR CONSTRUCTION**

This drawing is confidential and shall only be used for the purpose of this project. The signing of this title block confirms the design and drafting of this project have been prepared and checked in accordance with the AECOM quality assurance system to ISO 9001-2000.



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PROJECT MANAGEMENT INITIALS		
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ISSUE/REVISION		
0	23/12/2016	FOR CONSTRUCTION
I/R	DATE	DESCRIPTION

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**SHEET TITLE**  
ELECTRICAL SERVICES  
LEGEND SHEET

**SHEET NUMBER**  
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