



SCHEMATIC NOTES:

- ALL DEVICES SHALL BE PLUG-IN/ WITHDRAWABLE TYPE.
- SWITCHPANEL ENCLOSURES SHALL BE MARKED WITH COLOURED BANDS, INDICATING SCHEMATICALLY ALL DEVICE AND BUSBAR INTERCONNECTIONS AND SYSTEM LAYOUT. DEDICATED GENERATOR CIRCUITS SHALL BE RED, ALL OTHER SHALL BE BLACK.
- INCOMING CABLES SHALL BE CU SINGLE CORE ALU WIRED ARMoured. GLAND PLATES SHALL BE ALU.
- ALL EXTENSIONS REQUIRED FOR CABLE CONNECTION AND METER HOUSINGS SHALL BE INCLUDED.
- LABELS FOR EVERY DEVICE ON THE SWITCH PANEL SHALL INDICATE DUTY, RATING, VOLTAGE, PHASE, SIZE OF CONDUCTOR, IMPEDANCE, FAULT LEVEL AND EQUIPMENT IT FEEDS. ALL LABELS SHALL BE SUBMITTED FOR APPROVAL PRIOR TO MANUFACTURE.

LEGEND

- SINGLE-PHASE & NEUTRAL DISTRIBUTION BOARD
- MCCB PANEL BOARD
- THREE-PHASE & NEUTRAL DISTRIBUTION BOARD
- THREE-PHASE & NEUTRAL DISTRIBUTION BOARD FED VIA COMMON 400A ISOLATOR
- DIGITAL MULTIMETER
- CIRCUIT BREAKER, NOTATION: xxxAF, xxxAT, TPN, MCCB
- 3-PHASE ISOLATOR
- SURGE SUPPRESSION DEVICE
- POWER FACTOR CORRECTION UNIT
- KEY-SWITCH ISOLATOR
- GENERATOR CONTROL PANEL

AFC 08/12/16	COMMENTS INCORPORATED	PASDS	MC
AFC 10/10/16	ISSUED FOR CONSTRUCTION	PASDS	MC
Rev	Date	Description	Drawn By

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Project
WARRINGTON BRIDGE STREET QUARTER
MULTI-STOREY CAR PARK
WARRINGTON

Drawing Title
ELECTRICAL SERVICES
MAIN ELECTRICAL SCHEMATIC DIAGRAM

Originating Office



Job Manager	QA System - Checks	Signature	Date
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Authorised:	M CLEMENTSON		
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