



















LIGHTING

IMAGE	SYMBOL	DESCRIPTION
		16W SURFACE MOUNTED LED TUBE C/W TUBE HOLDER, SUITABLE FOR OUTDOOR USE, 4000K, 1800lm OSRAM 230V TUBE LIGHT OR APPROVED EQUAL
		400DIA SURFACE MOUNT OYSTER C/W 2x 10W, 4000K, E27 COMPATIBLE LIGHT BULB, ONLINELIGHTING CLAW 2 LIGHT CEILING OYSTER (SKU286286) OR APPROVED EQUAL
		300DIA WEATHERPROOF SURFACE MOUNT OYSTER, RATED TO IP54, C/W 2x 10W, 4000K, E27 COMPATIBLE LIGHT BULB, ONLINELIGHTING TONATO 2 LIGHT ROUND BUNKER OR APPROVED EQUAL
		300DIA SURFACE MOUNT OYSTER C/W 1x 10W, 4000K, E27 COMPATIBLE LIGHT BULB, LIGHTING STYLE 30CM CLAW OYSTER CHROME (SKU4291) OR APPROVED EQUAL


SWITCHING

	SINGLE GANG LIGHT SWITCH
	TWO WAY GANG LIGHT SWITCH
	ISOLATING SWITCH C/W INDICATOR LAMP
	FAN CONTROLLER
	COMBINED FAN / LIGHT SWITCH C/W 3 SPEED FAN CONTROLLER
	SWITCH WIRE





COMMUNICATIONS

	COMMUNICATIONS OUTLET - RJ45 - CATEGORY 6 n - DENOTES NUMBER OF OUTLETS ON FACEPLATE
	INTERFACILITY WALL OUTLET (IFL)
	TELEPHONE OUTLET - CATEGORY 6
	ROOF MOUNTED NBN SATELLITE BY NBN CO.
THIS CONTRACTOR TO LIASE WITH NBN Co FOR THE TIMING OF WORKS AND WITH THE BUILDER TO PROVIDE APPROPRIATE WALL SPACE FOR MOUNTING OF EQUIPMENT.	

FANS








	CEILING FAN C/W LIGHT 1320DIA, SUITABLE FOR INDOOR & OUTDOOR INSTALLATION, C/W 2x 10W, 3000K, B22 COMPATIBLE LIGHT BULB, MERCATOR CAPRICE 132CM AC CEILING FAN WITH LIGHT OR APPROVED EQUAL
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VAST



	VAST COAX TYPE OUTLET
	ROOF MOUNTED VAST SATELLITE - BY VAST TV INSTALLER
	AMPLIFIER
	SPLITTER

THIS CONTRACTOR TO SUPPLY ONE (1) VAST CERTIFIED SET-TOP BOX












POWER LEGEND

	SINGLE SWITCHED SOCKET OUTLET, 10A U.N.O.
	DOUBLE SWITCHED SOCKET OUTLET, 10A U.N.O.
	SINGLE PHASE ISOLATOR, IP66, 20A U.N.O.
	MAIN SWITCHBOARD
	DISTRIBUTION BOARD
	OTHER BOARDS
	ELECTRICAL PILLAR

DRY FIRE

	SMOKE ALARM, 240V HARD WIRED PHOTOELECTRIC TYPE, INTERCONNECTED, FITTED WITH BUILT-IN 10 YEAR LIFE NON-REMOVABLE LITHIUM RECHARGEABLE BATTERY BACK UP AND STAINLESS STEEL INSECT SCREENS (INTERCONNECTED WITH SOU).
	THERMAL ALARM, 240V HARD WIRED, INTERCONNECTED, FITTED WITH BUILT-IN 10 YEAR LIFE NON-REMOVABLE LITHIUM RECHARGEABLE BATTERY BACK UP AND STAINLESS STEEL INSECT SCREENS.

SCHEMATICS

	SINGLE PHASE
	THREE PHASE
	MOULDED CASE CIRCUIT BREAKER 100A DENOTES 100 AMPS RATING 200A DENOTES 200 AMP MINIMUM FRAME SIZE
	FAULT MAKE LOAD BREAK ISOLATOR 500A DENOTES 500AMP RATING
	RESIDUAL CURRENT DEVICE CIRCUIT BREAKER 20A DENOTES 20 AMPS RATING
	EARTH CONNECTION
	ISOLATION LINKS
	ISOLATION LINKS
	DIRECT CONNECTED kWh METER
	DIGITAL METER / ANALYSER
	SUPPLY AUTHORITY CONTROLLED TARIFF RELAY (3 RELAYS PER CONTROLLER)






















ABBREVIATIONS

500	MOUNTING HEIGHT ABOVE FINISHED FLOOR LEVEL
AB	MOUNTED ABOVE BENCH
USB	USB CHARGER
CL	CLEANERS OUTLET
CS	CONCEALED SPACE
CU	MECHANICAL CONDENSER UNIT
DB	DISTRIBUTION BOARD
HL	MOUNTED AT HIGH LEVEL
HWU	HOT WATER UNIT
IC	MOUNTED IN CEILING SPACE
IHWU	INSTANTANEOUS HOT WATER UNIT
MW	MICROWAVE
OAF	OUTDOOR AIR FAN
OC	MOUNTED ON CEILING
OOD	OPEN COLD DISPLAY
OV	OVEN
REF	REFRIGERATOR
TBC	TO BE CONFIRMED
TEF	TOILET EXHAUST FAN
UB	MOUNTED UNDER BENCH
UNO	UNLESS NOTED OTHERWISE
WP	WEATHERPROOF

GENERAL NOTES

- THE CONTRACTOR SHALL CONFORM TO THE LATEST EDITIONS OF THE FOLLOWING STANDARDS AND REGULATIONS:
 - AS/NZS 3000 WIRING RULES.
 - BUILDING CODE OF AUSTRALIA.
 - STATE WORKPLACE/OCCUPATIONAL HEALTH AND SAFETY LEGISLATION.
 - ELECTRICAL SAFETY ACT REGULATIONS.
 - AS3008.1 FOR ELECTRICAL CABLES.
 - AS3012 FOR CONSTRUCTION AND DEMOLITION SITES.
 - AS60529 FOR DEGREES OF PROTECTION OF ENCLOSURES.
 - AS/NZS 3017 FOR TESTING FOR SAFETY OF LOW VOLTAGE ELECTRICAL SYSTEMS.
- ALL ITEMS SHOWN ON THE ELECTRICAL DRAWINGS ARE NEW AND ARE TO BE SUPPLIED BY THE CONTRACTOR, UNLESS NOTED OTHERWISE.
- ALL CONDUITS AND WIRING ARE TO BE CONCEALED IN THE WALLS AND CEILING CAVITIES UNLESS IN PLANT AREAS.
- NEW CABLE PATHWAYS, CONDUITS, DUCTS, AND THE LIKE SHALL HAVE MINIMUM 40% SPARE CAPACITY FOR FUTURE GROWTH.

RETICULATION AND CIRCUITING

	ELECTRICAL CABLE PIT
	COMMUNICATION CABLE PIT
	SUPPLY AUTHORITY POWER POLE
	PROPERTY POLE
	UNDERGROUND ELECTRICAL CONDUIT
	OVERHEAD ELECTRICAL CONDUIT
	UNDERGROUND COMMUNICATIONS CONDUIT
	CONDUIT REFERENCE
	CONDUIT INTERNAL DIAMETER
	E - ELECTRICAL
	C - COMMUNICATIONS
	T - TELSTRA
	P - NBN (REFER NBN PIT AND PIPE STANDARD)
	NUMBER OF CONDUITS
	CIRCUIT LINE
	CIRCUIT REFERENCE
	CIRCUIT NUMBER
	P - POWER
	L - LIGHTING
	DISTRIBUTION BOARD NUMBER
	CABLE DESIGNATION

REPRODUCTION OF DRAWINGS
THIS DRAWING HAS BEEN DOCUMENTED IN COLOUR
AS SUCH, THIS DRAWING IS REQUIRED TO BE PRINTED IN COLOUR.
FAILURE TO DO SO MAY RESULT IN LOSS OF INFORMATION

GENERAL NOTES:
THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH ALL RELEVANT BUILDING CODES AND STANDARDS. NO AMENDMENTS SHALL BE MADE WITHOUT THE APPROVAL FROM THE DESIGNER AND THE CLIENT. THESE DRAWINGS ARE SUPPLIED ON THE CONDITION THAT IN THE EVENT OF ERROR THE DESIGNERS LIABILITY IS LIMITED ONLY TO THE COST OF AMENDING THESE DRAWINGS.
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REVISION SCHEDULE		
NO.	DESCRIPTION	DATE
P1	PRELIMINARY ISSUE	18/04/24
A	TENDER ISSUE	20/05/24
0	CONSTRUCTION ISSUE	03/09/24

CLIENT

NORTH PENINSULA AREA
REGIONAL COUNCIL

BUILDING DESIGNER



PROJECT DESCRIPTION

COMMUNITY HOUSING

BUILDING SERVICES ENGINEERS

	TOOWOOMBA OFFICE PO BOX 1971 2 KIRK STREET TOOWOOMBA QLD 4350 07 4512 6300 BRISBANE OFFICE 12B, 661 OXLEY ROAD, CORINDA, QLD. 4075 07 4512 6300 www.diametric.com.au reception@diametric.com.au
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DESIGNER	AC	DRAWN BY	KC	CHECKED BY	AC
APPROVED		RPEQ		DATE	

DISCIPLINE

ELECTRICAL SERVICES

DRAWING TITLE

LEGEND AND NOTES

PROJECT NUMBER

DE230925

DRAWING NUMBER

E001

REVISION

0

CONSTRUCTION