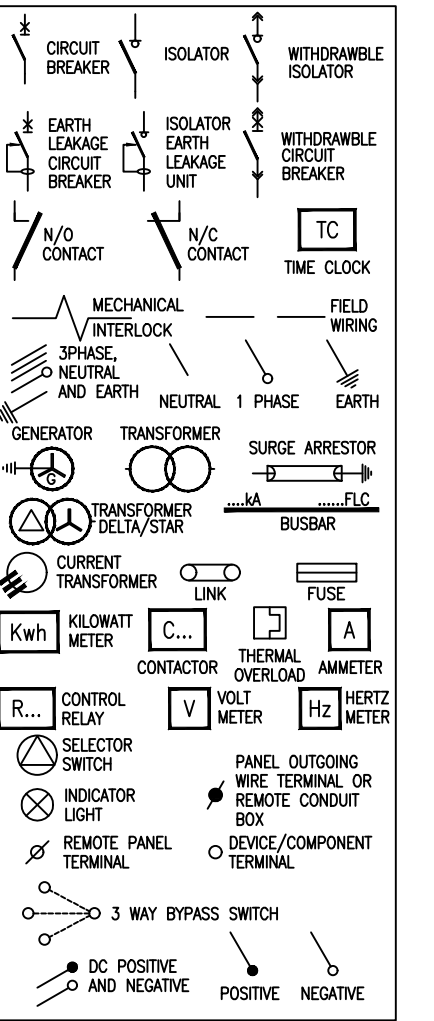


This drawing is issued for Electrical purposes only, and should be read in conjunction with the Electrical Specification. Setting out of Electrical and Electronic accessories are to be as indicated on Architects details.

Do not scale this drawing.

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Approved in Principle
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Pr Eng : 20120548

<u>TITLE</u> Reticulation Schematic for 2No. 50kW Inverters with 15No.10kWh Batteries

L_MST_1

NOTES: (1) – Contractor to ensure max distance between draw boxes 20 metres notwithstanding anything to contrary.			(2) – Draw boxes required after every second 90 deg. bend or 180 deg. total of slow bends.			(3) – All unsold conductors to be provided with draw wires. These will be withdrawn and checked at random.			(4) – Cast in conduits to be spaced 35mm. minimum.			
100x100 CONDUIT BOX AT 50MMFTL 100x100 CONDUIT BOX AT 1400MMFTL 100x100 CONDUIT BOX AT 300MMFTL 100x50 CONDUIT BOX AT 1400MMFTL CLUSTER BOX (SIZE AS NOTED).	ROUND DRAW BOX ROUND DRAW BOX 100x50 BOX BEND POWER SUGGING CONDUIT TURNED UP (TO) FORTH OR DOWN DOWN CONDUIT CONDUIT FOR EARTH TIE	DM CAN CAM DM – CORDER DM – CAMERA DM – ACCESS ALARM AC – ACCESS CONTROL DM – RADIO BOX AC – COMMUNICATION/INTERCOM ROM – BACK GROUND STRIKE EL – ELECTRIC LOCK/VENT	ROUND CONDUIT BOX FOR: 20mm, DIA. CONDUIT 25mm, DIA. CONDUIT 32mm, DIA. CONDUIT 50mm, DIA. CONDUIT SECTION OF CONDUIT OMITTED FOR CLARITY SURFIC TWIN AND EARTH CABLE ROUTE	OVERHEAD CAST-IN FLOOR ON SURFACE OR LAID ON CEILING FLOOR SLAB CAST-IN FLOOR SLAB CAST-IN FLOOR SLAB CAST-IN POWER SKIRTING TRUNKING CABLE RIGGING CABLE TRAY/JACKET	SQUARE GALV. STEEL, DRAW TRAY SIZE AS SHOWN INTERMEDIATE JUNCTION BOX INTERCOM JUNCTION BOX DATA/COMMS JUNCTION BOX SECURITY, ETC. JUNCTION BOX DISTRIBUTION BOARD POSITION BOARD DESIGNATION NUMBER	16A SANS 164-1 SWITCHED SOCKET OUTLET (WSO) 16A SANS 164-1 DOUBBLE SSO 16A SANS 164-1 SSO ON PREDIAL 16A SANS 164-2 3 PN SSO 16A SANS 164-2 4 PN COMBINATION SSO 16A SANS 164-4 RED SSO (OR SHARED EARTH FPN) 16A SANS 164-4 RED SSO ON PERSTAL 3 PHASE, C-PMF SSO 2 POLE ISOLATOR 3 POLE ISOLATOR 4 POLE ISOLATOR	16A SANS 164-3 1/2 SPOCKET OUTLET SINGLE LIGHT OR ONE LIGHT SWITCH INTERMEDIATE LIGHT SWITCH TWO LIGHT ONE SWITCH MOTION SENSOR LIGHT SWITCH WITH MOTION SENSOR	LINEAR LUMINAIRE BULKHEAD/DOWNLIGHTER, ETC. WALL MOUNTED LUMINAIRE POLE MOUNTED LUMINAIRE	TELEPHONE POINT TELEPHONE POINT ON PEDESTAL DIRECT OUTSIDE LINE TELEPHONE POINT DATA/COMMS OUTLET	BELL PUSH BELL OUTLET SIGN POINT CLOCK OUTLET PHOTOCELL	REFERENCE TO QUANTITY (e.g. 3No.) REFERENCE TO A DETAIL (e.g. DET. 2) REFERENCE TO AN ELECTRICAL NOTE (e.g. E.N. 1) REFERENCE TO A STANDARD DRAWING (e.g. STANDARD DRAWING No. 34)	CABLE NUMBER – REFER CABLE SCHEDULE FOR DETAILS LUMINAIRE TYPE – REFER LUMINAIRE SCHEDULE