

SINGLE LINE DIAGRAM
MACHINE ROOM RDPPADM-1

1. ALL ELECTRICAL WORKS HEREIN SHALL BE DONE IN ACCORDANCE WITH THE LATEST PROVISION OF THE PEC. LOCAL ORDINANCES OF THE CITY OF BAGUIO AND ALL THE REQUIREMENTS OF THE BENECO.

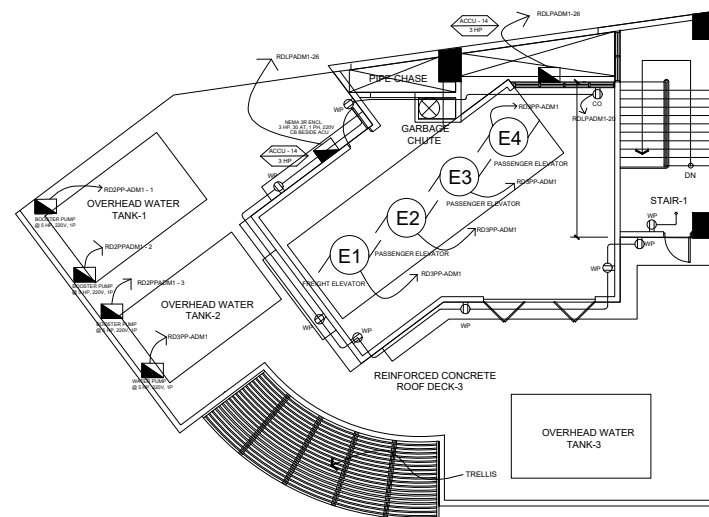
2. THE ELECTRIC SERVICE VOLTAGE OF THE BUILDING SHALL BE 220 VOLTS, SINGLE PHASE, 60 HERTZ SYSTEM.

3. ALL ELECTRICAL MATERIALS TO BE USED SHALL BE BRAND NEW AND OF THE APPROVED TYPE FOR LOCATION AND PURPOSE INTENDED

4. MINIMUM SIZE OF WIRE SHALL BE 2.0 mm² THHN WIRE AND THE MINIMUM SIZE OF CONDUIT SHALL BE 15 mm DIA UNLESS SPECIFIED

5. ALL BRANCH CIRCUITS SHALL NOT EXCEED 80% OF ITS RATING

GENERAL NOTES



POWER LAYOUT

1 MACHINE ROOM

EE

SCALE

NTS

ELECTRICAL LEGEND	
	100 WATTS COOL WHITE HIGH BAY LUMINAIRE
	10 WATTS COOL WHITE LED
	9 WATTS COOL WHITE LED
	30 WATTS WARM WHITE FLOOR MOUNTED LIGHT
	9 WATTS COOL WHITE LED WALL FIXTURE
	9 WATTS COOL WHITE WALL FIXTURE
	2 X 10W T8 COOL WHITE FLUORESCENT LIGHTING FIXTURE WITH DUST-PROOF LUMINAIRE (LED)
	2 X 10W T8 COOL WHITE FLUORESCENT LIGHTING FIXTURE WITH DUST-PROOF LUMINAIRE (LED)
	10 WATTS COOL WHITE LED
	(LED) 1 X 10W T8 COOL WHITE FLUORESCENT LIGHTING FIXTURE WITH DUST-PROOF LUMINAIRE
	TROFFER LIGHTING FIXTURE @ 36W
	18W COOL WHITE T8 COVE LIGHTING FIXTURE
	LED COVE LIGHTING 10W PER METER
	CEILING OUTLET (PROVISION) @ 100W
	DROP LIGHTS @ 50W
	50 WATTS WARM WHITE DIRECTIONAL HALOGEN LIGHTING FIXTURE
	WARM WHITE METAL HALIDE GARDEN LIGHTING FIXTURE @ 100W
	UPLIGHT (LED) @ 150 WATTS
	10 WATTS COOL WHITE LED (WITH BATTERY PACK)
	1 X 10W T8 COOL WHITE FLUORESCENT LIGHTING FIXTURE LED WITH DUST-PROOF LUMINAIRE (WITH BATTERY PACK)
	DROP LIGHTS @ 50W
	2 X 10W T8 COOL WHITE FLUORESCENT LIGHTING FIXTURE LED WITH DUST-PROOF LUMINAIRE (WITH BATTERY PACK)
	EMERGENCY LIGHT W/ BATTERY & ONE GANG OUTLET BACK-UP FOR 2 HOURS 20WATTS, 12V INPUT VOLTAGE 200MA 1.5AMPS 20WATTS 12V INPUT
	VENTI-FAN (ARROW INDICATES DIRECTION)
	SWITCH BANK (IF INDICATE LOCATION)
	CEILING FAN
	E.F. - 1 EXHAUST FAN (VERIFY RATING @ MECH. PLAN)
	PANEL BOARD
	TWO OR THREE WALL SWITCH
	DUPLEX CONVENIENCE OUTLET (UNIVERSAL OUTLET)
	FLOOR CONVENIENCE OUTLET (UNIVERSAL OUTLET)
	WEATHERPROOF CONVENIENCE OUTLET (UNIVERSAL OUTLET GFCI PROTECTED)
	REFRIGERATOR OUTLET (UNIVERSAL OUTLET)
	RANGE OUTLET
	RANGE HOOD OUTLET
	MULTIPOINT OUTLET
	FAN COIL UNIT OUTLET (PROVISION)