




















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
ELECTRICAL SYMBOLS – DIAGRAM


	EARTH GROUND
	PULL BOX
	FUSE WITH RATING
	MOLDED CASE CIRCUIT BREAKER
	DISCONNECT SWITCH, FUSED
	DISCONNECT SWITCH, UNFUSED
	STARTER, COMBINATION WITH DISCONNECT SWITCH
	STARTER OR MOTOR CONTROLLER
	VARIABLE FREQUENCY DRIVE
	TIME CLOCK
	LIGHTING CONTACTOR
	GENERATOR, POWER
	METER
	WE CONNECTION
	MOTOR, SINGLE-PHASE
	MOTOR, THREE-PHASE
	WATT-HOUR DIGITAL METERS WITH KYZ HARDWARE AND INTERFACED WITH DDC PANEL, VAA CAT-5e CABLING.


ELECTRICAL SYMBOLS - LIGHTING PLAN


	SWITCH	2. DOUBLE POLE
	BLANK, SINGLE POLE	2. FOLKLY
	DIMMER	3. LOCK
	LV= LOW VOLTAGE	4. KEYP OPERATED
	MASTER	5. PILOT LIGHT
	PB= PUSH BUTTON	6. REVERSE CONTROL
	STATION	7. REMOTE CONTROL
	T= TINTER OPERATED	8. WAXER CONTROL
	M= MALL, MOTOR	9. MOTOR SWITCH
	MOTOR SWITCH	
	WALL MOUNTED, OCCUPANT SENSOR	
	PHOTOELECTRIC CELL, LIGHTING CONTROLS	
	FRONT, DOWNLIGHT, RECESSED	
	FRONT, DOWNLIGHT, RECESSED, EMERGENCY BATTERY BACK	
	FUTURE, WALL MOUNTED	
	FUTURE, WALL MOUNTED	
	FUTURE, 2x4' LV= RECESSED	


 FIGURE 2: 2'x4" LAMP, RECESSED, EMERGENCY BATTERY BACK
NIGHT LIGHT EMBEDDED


 FIGURE 3: 4" SQUARE PENDANT /E INCLUDE WITH EMERGENCY
BATTERY BACKGROUP


 FIGURE 4: LINEAR, PENDANT, /E INCLUDE WITH EMERGENCY
BATTERY BACKGROUP

 FIGURE 5: 4" LINEAR, WALL MOUNTED

 FIGURE 6: 2'x4'

 FIGURE 7: 1'x2' SURFACE MOUNTED

 EXIT SIGN, WALL MOUNTED WITH DIRECTIONAL ARROWS AND
FACES SHOWN

 EXIT SIGN, CEILING MOUNTED WITH DIRECTIONAL ARROWS AND
FACES SHOWN

- A. ALL FINAL LOCATIONS AND ARRANGEMENTS OF LIGHTING FIXTURES SHALL BE OBTAINED FROM THE ARCHITECTURAL REFLECTED CEILING PLAN.
- B. LIGHTING FIXTURES WITH MORE THAN TWO LAMPS SHALL HAVE TWO OUTER LAMPS CONTROLLED WITH ONE SWITCH AND INNER LAMP(S) CONTROLLED BY A SECOND SWITCH.
- C. EACH HOMOENR CONDUIT SHALL CONTAIN NO MORE THAN THREE CIRCUITS, PROVIDE A NEUTRAL AND GROUND FOR EACH HOMOENR CIRCUIT. IF THE HOMOENR EXCEEDS 100 FEET, USE #10 THIN CU WIRE.
- D. MULTI-WIRE BACKBOARDS FOR DIFFERENT VOLTAGES AND TYPES OF ENERGY AND NORMAL BRANCH WIRING DEVICES SHALL HAVE DIVIDERS BETWEEN DEVICES.



ELECTRICAL SYMBOLS - POWER PLAN

RECEPTACLE, DUPLEX, 120VAC, 20A, 1Ø A.F.F.
 RECEPTACLE, DUPLEX, 120VAC, 20A, GFCI, COORD. WITH COUNTER
 RECEPTACLE, DUPLEX, 120VAC, 20A, GFCI, COORD. WITH COUNTER
 RECEPTACLE, DUPLEX, 120VAC, 20A, GFCI, WEATHERPROOF WHILE IN USE
 RECEPTACLE, DUPLEX, 120VAC, 20A, TAMPER RESISTANT
 RECEPTACLE, DUPLEX, 120VAC, 20A, ISOLATED GROUND
 RECEPTACLE, SIMPLEX, 120VAC, 20A, COORD. WITH EQUIPMENT
 RECEPTACLE, QUADPLEX, 120VAC, 20A, 1Ø A.F.F. U.N.O.
 RECEPTACLE, DUPLEX, 120VAC, 20A, SPILT WINED
 RECEPTACLE, SPECIAL PURPOSE
 A = 120V, 20A, 1 PHASE, 2 POLE, 3W, NEMA 5-50R,
 B = 208V, 20A, 1 PHASE, 2 POLE, 3W, NEMA 8-50R,
 C = 208V, 20A, 1 PHASE, 2 POLE, 3W, NEMA 6-50R,
 D = 208V, 1ØA, 1 PHASE, 2 POLE, 3W, NEMA 6-50R,
 E = 208V, 50A, 3 PHASE, 3 POLE, 4W, NEMA 14-50R,
 F = 208V, 50A, 3 PHASE, 3 POLE, 4W, NEMA 15-50R,
 G = 208V, 50A, 3 PHASE, 3 POLE, 4W, NEMA 15-30R,
 H = 208V, 50A, 3 PHASE, 3 POLE, 4W, NEMA 15-60R,
 JUNCTION BOX
 PANELBOARD, SURFACE MOUNTED
 PANELBOARD, RECESSED MOUNTED
 TRANSFORMER - "TA"
 DISCONNECT SWITCH
 MAIN GROUNDING BUSBAR
 CONDUIT TERMINATED, 6" [152mm] AFF. IN NEARBY BOX
 FOR EXTENSION TO EQUIPMENT AS DIRECTED.
 CONDUIT TERMINATED W/COUPLING (FLUSH W/FINISHED
 FLOOR) FOR EXTENSION TO EQUIPMENT AS DIRECTED.
 BRANCH CIRCUIT ADDENDUM: UNLESS INDICATE NUMBER OF
 CIRCUITS OR IDENTIFY THE STRAINING GREEN GROUNDING
 CONDUCTOR SHALL BE NOT SHOWN

ELECTRICAL GENERAL NOTES

- [illegible]

Project Number 520-326	Office of
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CONSULTANTS:		ARCHITECT/ENGINEERS:		Drawing Title GENERAL NOTES, SYMBOLS AND LEGENDS		Project Number 520-326		Office of Construction and Facilities Management	
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Approved Project Director		Location PANAMA CITY, FLORIDA		Drawing Number E101		Project Title CONSTRUCT VA OUTPATIENT CLINIC, PANAMA CITY		Department of Veterans Affairs	
Date APRIL 2010		Checked KDE		Drawn QWS		Date 1 of 19		Department of Veterans Affairs	