

EST. 1988

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RESTROOM FACILITIES
at
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REVISIONS	NO.
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DATE 06-30-16

SCALE AS NOTED

DRAWN RB/FR/JS

CHECKED DA/SR

REG No. 16028

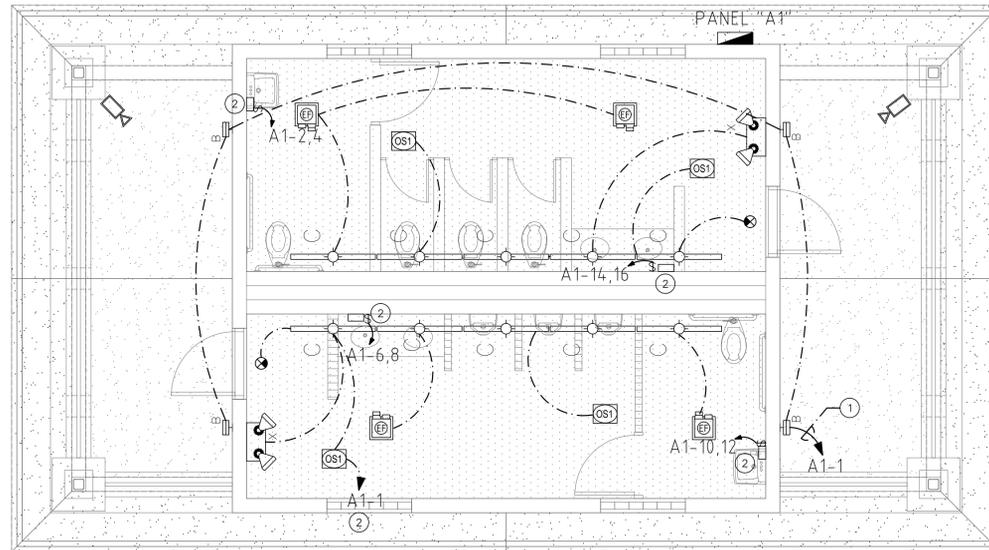
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RESTROOM ELECTRICAL PLAN

E1.1

LIGHTING CONTROL SYMBOL LEGEND	
	7-DAY FULL YEAR LIGHTING CONTROL WITH ASTRONOMICAL TIME CLOCK LCD BLUE BOX
	WALL MOUNTED OCCUPANCY SENSOR SENSOR SWITCH WSD-PDT
	WALL MOUNTED OCCUPANCY SENSOR 2-POLE MODEL - SENSOR SWITCH WSD-2P CAPABLE OF SWITCHING SEPARATE VOLTAGES ON EACH POLE
	SWITCH
	3-WAY SWITCH
	4-WAY SWITCH
	DIMMER SWITCH
	LCD OVERRIDE SWITCH WITH PILOT LIGHT, 4 HOUR MAX TIME DELAY MODEL CH-W (OF BUTTONS)
	CEILING MOUNTED OCCUPANCY SENSOR SWITCH CMR PDT 9 LINE VOLTAGE
	CEILING MOUNTED OCCUPANCY SENSOR SWITCH CMR PDT 10 LINE VOLTAGE
	EXHAUST FAN
NOTE: ALL SYMBOLS MAY NOT BE USED FOR THIS PROJECT.	



RESTROOM (TYPICAL OF 2) ELECTRICAL PLAN

1/4" = 1'-0"

LIGHTING CONTROL SYMBOL LEGEND							
TYPE	DESCRIPTION	MFG	CATALOG NUMBER	VOLTS	LAMPS	WATTS	MOUNTING
(B)	WALL MOUNTED FIXTURE	LUMINAIRE LED	NRV13 SERIES	120	(1) 25W LED	25	WALL
(L)	WALL MOUNTED FIXTURE	EATON	FCC SERIES	120	(1) 45.2W LED	45.2	WALL
(X)	EMERGENCY UNIT	WITH MINIMUM 90 MINUTE BATTERY	TO BE SPECIFIED BY OWNER, FURNISHED AND AND INSTALLED BY CONTRACTOR	120	LED		
NOTES:							
1. PROVIDE ELECTRONIC BALLAST FOR ALL FLUORESCENT LAMPED FIXTURES.							
2. MINIMUM FLUORESCENT LAMP COLOR TEMPERATURE SHALL BE 3500K.							
3. VERIFY BALLAST REQUIREMENTS FOR ALL FLUORESCENT FIXTURES. PROVIDE ELECTRONIC DIMMING BALLASTS FOR SPECIFIC FIXTURES INDICATED WITH DIMMER CONTROL.							
4. VERIFY ALL FIXTURE SELECTIONS PRIOR TO PURCHASE WITH OWNER/ARCHITECT.							

LIGHTING NOTES

1. ALL EXIT, EMERGENCY, AND BATTERY PACKS IN FLUORESCENT FIXTURES TO BE WIRED AHEAD OF CONTROL SWITCH.
2. ALL WALL MOUNTED EMERGENCY LIGHT FIXTURES SHALL BE MOUNTED AT HEIGHTS INDICATED ON THE PLANS.
3. ALL DIMMER SWITCHES SHALL HAVE A PRESET MINIMUM RATING OF 10 KW.
4. ALL FIXTURE COUNTS, SELECTIONS, AND EXACT LOCATIONS MUST BE VERIFIED WITH OWNER/ARCHITECT PRIOR TO PURCHASE. CONFIRM ALL LIGHT FIXTURE MODEL NUMBERS, FINISH COLORS AND ELECTRICAL REQUIREMENTS BEFORE ORDERING AND INSTALLATION.
5. CONTRACTOR TO VERIFY IF ANY LOW VOLTAGE LIGHT FIXTURES REQUIRE STEP-DOWN TRANSFORMERS, QUANTITY AND LOCATION TO BE FIELD VERIFIED PRIOR TO CONSTRUCTION. PROVIDE ALL TRANSFORMERS AND INCLUDE IN BID.
6. ALL FIXTURES TO HAVE ILL CERTIFICATION.
7. ALL EXISTING AND NEW LUMINAIRES SHALL COMPLY WITH SECTION 4.10.130(G) DISCONNECTING MEANS OF THE NEC.
8. CONTRACTOR TO PROVIDE LUMINAIRES TO CONFORM TO ENERGY CODE, THERMAL ENVELOPE RATINGS.

ENERGY COMPLIANCE NOTE

1. AN AUTOMATIC TIME CLOCK SHALL BE THE MEANS OF LIGHTING SHUTOFF PER FBC ENERGY CONSERVATION SECTION FOR ALL AREAS WHERE OCCUPANCY SENSORS ARE NOT USED, AND IT SHALL CONTAIN AN ASTRONOMICAL TIMECLOCK TO SHUT THE TENANT SPACE DOWN AT A SCHEDULED TIME OF DAY.
2. ALL LIGHT CIRCUITS THAT ARE NOT WIRED THROUGH THE ASTRONOMICAL TIME CLOCK SHALL BE CONTROLLED BY OCCUPANCY SENSORS WHICH MUST TURN LIGHTS OFF WITHIN 30 MINUTES AFTER AN OCCUPANT LEAVES THE SPACE.
3. RECORD DRAWINGS OF INSTALLATION AND OPERATION MANUALS ARE TO BE PROVIDED TO THE OWNER AS SPECIFIED IN FLORIDA BUILDING CODE ENERGY CONSERVATION SECTION.

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3. RECORD DRAWINGS OF INSTALLATION AND OPERATION MANUALS ARE TO BE PROVIDED TO THE OWNER AS SPECIFIED IN FLORIDA BUILDING CODE ENERGY CONSERVATION SECTION.

KEY NOTES

1. CIRCUIT CONTROLLED THROUGH AN ASTRONOMICAL TIME CLOCK, FOR COMPLIANCE WITH FBC FBC ENERGY CONSERVATION SECTION. TIME CLOCK MOUNTED AT EXISTING AMPHITHEATRE.
2. PROVIDE DISCONNECT SWITCH FOR INSTAHOT. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH SUPPLIER AND OWNER PRIOR TO ROUGH-IN.



KEY PLAN

N.T.S.

PROGRESS OR CHECK SETS, BY THEIR NATURE, MAY BE INCOMPLETE AND ARE NOT TO BE USED FOR BIDDING OR CONSTRUCTION. CONTRACTOR RECOGNIZES HIS SOLE RESPONSIBILITY TO INCLUDE ALL CONTINGENCIES FOR DESIGN AND INSTALLATION TO MEET THE PROJECT REQUIREMENTS IN ANY PRICING EXERCISE.

PRIOR TO SUBMITTING THE BID, THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND INFORM THE ARCHITECT AND THE ENGINEER OF ANY DISCREPANCY BETWEEN THESE DOCUMENTS AND THE EXISTING CONDITIONS AND SHALL INCLUDE IN THE BID TO CORRECT THE SAME AS DIRECTED. THE ENGINEER AND THE ARCHITECT, ARE NOT RESPONSIBLE FOR ANY ADDITIONAL COSTS RESULTING FROM VERIFYABLE EXISTING CONDITIONS DISCOVERED AFTER CONTRACT HAS BEEN AWARDED. NO CHANGES SHALL BE MADE TO THESE PLANS WITHOUT PRIOR APPROVAL FROM THE ENGINEER OF RECORD. ALL CHANGES SHALL BE SUBMITTED FOR REVIEW PRIOR TO INSTALLATION. NOT FOR BID UNTIL PERMIT HAS BEEN ISSUED.

PROGRESS SET: 08/22/16



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