

LIGHTING LEGEND	
SYMBOL	DESCRIPTION
	TYPICAL FLUORESCENT PENDANT MOUNTED FIXTURE
	TYPICAL FLUORESCENT RECESSED FIXTURE
	TYPICAL FLUORESCENT SURFACE MOUNTED FIXTURE
	TYPICAL FLUORESCENT WALL MOUNTED FIXTURE
	TYPICAL FLUORESCENT RECESSED EMERGENCY FIXTURE
	DOUBLE FACE EXIT SIGN
	SINGLE FACE EXIT SIGN
	BOLLARD
	DOUBLE SPOT LIGHT
	RECESSED MOUNTED DOWN LIGHT TYPE FIXTURE
	FLOOD LIGHT
	FLOOD LIGHT FIXTURE
	HID LIGHT FIXTURE - POST MOUNTED
	HID LIGHT FIXTURE - CEILING MOUNTED
	HID LIGHT FIXTURE - WALL MOUNTED
	SCONCE TYPE FIXTURE
	BRACKET OR SCONCE TYPE FIXTURE

SITE LIGHTING LEGEND	
SYMBOL	DESCRIPTION
	EXTERIOR POLE LIGHT WITH SQUARE BASE - 1 HEAD
	EXTERIOR POLE LIGHT WITH SQUARE BASE - 2 HEAD

LIGHTING CONTROLS LEGEND	
SYMBOL	DESCRIPTION
	CEILING MTD OCCUPANCY SENSOR (BEAM)
	CEILING MTD OCCUPANCY SENSOR (BEAM)
	CEILING MTD OCCUPANCY SENSOR (WIDE)
	DAYLIGHT SENSOR
	LIGHT CTRL - INFRARED SENSOR
	CEILING MTD OCCUPANCY SENSOR
	LIGHT CNTRL - CEILING MTD OCCUPANCY EXTENDED RANGE CLRM LTNNG CTRL SENSOR
	LIGHT CNTRL - CEILING MTD OCCUPANCY EXTND RNGCE WITH CLRM LTNNG CTRL SENSOR
	LIGHT CNTRL - CEILING MTD OCCUPANCY WIDE VIEW SENSOR
	PHOTO CELL
	POWER PACK
	SIGNAL REPEATER
	ON/OFF ROOM CONTROLLER
	EMERGENCY - ON/OFF ROOM CONTROLLER
	DIMMING ROOM CONTROLLER

SWITCH LEGEND	
SYMBOL	DESCRIPTION
	SINGLE POLE SWITCH
	DOUBLE POLE SWITCH
	3-WAY SWITCH
	4-WAY SWITCH
	INDICATES TWO SWITCHES W/ INNER AND OUTER LAMPS SEPARATELY SWITCHED
	2-POLE WALL SWITCH OCCUPANCY SENSOR
	IN WALL - TYPE DIMMER, RATING AS NOTED
	EMERGENCY SWITCH
	KEY OPERATED SWITCH
	LOW VOLTAGE KEY SWITCH INTERCONNECTED WITH LIGHTING CONTROL RELAY PANEL
	LOW VOLTAGE SWITCH
	LOW VOLTAGE SWITCH
	SINGLE PHASE MANUAL MOTOR SWITCH WITH OVERLOADS
	MOMENTARY CONTACT SWITCH
	MANUAL MOTOR SWITCH WITH OVERLOADS AND PILOT LIGHT (PILOT LIGHT IS ON WHEN MOTOR RUNS)
	MANUAL TIME SWITCH
	PROJECTION SCREEN SWITCH (MOMENTARY 3-POSITION SWITCH) PROVIDED BY SCREEN MANUFACTURER, WIRED BY EC
	OCCUPANCY SENSOR
	SINGLE BUTTON, ON/OFF, DIGITAL LOW VOLTAGE SWITCH
	SINGLE BUTTON, ON/OFF, DIGITAL DIMMING LOW VOLTAGE SWITCH
	TWO BUTTON, ON/OFF, DIGITAL LOW VOLTAGE SWITCH
	TWO BUTTON, ON/OFF, DIGITAL DIMMING LOW VOLTAGE SWITCH
	TWO BUTTON, INBOARD/OUTBOARD-ON/OFF, DIGITAL LOW VOLTAGE SWITCH
	FIVE BUTTON, ON/OFF, DIGITAL DIMMING LOW VOLTAGE SWITCH
	FIVE BUTTON, ON/OFF, DIGITAL DIMMING LOW VOLTAGE SWITCH

RECEPTACLES LEGEND	
SYMBOL	DESCRIPTION
	SIMPLEX RECEPTACLE
	CLOCK HANGER OUTLET
	DUPLEX RECEPTACLE
	DOUBLE DUPLEX RECEPTACLE
	DUPLEX RECEPTACLE - ABOVE COUNTER
	DUPLEX GROUND FAULT INTERRUPTER RECEPTACLE ABOVE COUNTER
	DUPLEX RECEPTACLE - MOUNTED IN BASE OF EQUIPMENT
	COMPUTER RECEPTACLE
	DUPLEX RECEPTACLE ON DROP CORD
	DUPLEX GROUND FAULT INTERRUPTER TYPE RECEPTACLE
	TELEVISION POWER OUTLET - 12" BELOW CEILING UNLESS NOTED OTHERWISE
	WATER COOLER - DUPLEX RECEPTACLE
	DUPLEX WEATHERPROOF RECEPTACLE
	DUPLEX RECEPTACLE - MOUNTED FLUSH IN FLOOR (SEE DETAIL)
	DUPLEX RECEPTACLE - POKE THRU (SEE DETAIL)
	DUPLEX RECEPTACLE CONNECTED TO EMERGENCY POWER SYSTEM
	POWER POLE WITH RECEPTACLE
	SPECIAL PURPOSE RECEPTACLE
	COMBINATION DUPLEX RECEPTACLE/INFORMATION OUTLET FLUSH MOUNTED IN FLOOR

TELECOMMUNICATIONS LEGEND	
SYMBOL	DESCRIPTION
	DATA OUTLET
	COMMUNICATION OUTLET
	MODULAR WALL OUTLET
	TELEPHONE OUTLET - MOUNTED 18" ABOVE FINISHED FLOOR, UNLESS OTHERWISE NOTED
	PAY TELEPHONE OUTLET
	WALL TELEPHONE OUTLET
	WIRELESS ACCESS POINT DATA OUTLET
	DATA/TELEPHONE OUTLET MOUNTED FLUSH IN FLOOR
	TELEPHONE JACK IN FLOOR
	PROJECTOR OUTLET HIGH STATION
	PROJECTOR OUTLET LOW STATION
	TELEVISION OUTLET - MOUNTED 12" BELOW FINISHED CEILING, UNLESS OTHERWISE NOTED
	DOOR CONTROLLED VIA DOOR ACCESS SYSTEM SEE DETAIL #X ON DWG EXXX FOR WORK REQUIRED

POWER LEGEND			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	ENCLOSED CIRCUIT BREAKER		COMBINATION DISCONNECT SWITCH AND STARTER
	EMERGENCY POWER OFF		FUSED DISCONNECT SWITCH
	HUMIDISTAT - SUPPLIED BY OTHERS, WIRED BY EC		NON-FUSED DISCONNECT SWITCH
	RELAY		POWER POLE
	TRANSFORMER		POWER POLE/ DATA POLE
	PWR - WATER SENSOR		MOTOR
	FINAL CONNECTION BY EC TO EQUIPMENT		CABINET UNIT HEATER
	CONNECTION TO AIR COOLED CONDENSING BY EC		FAN COIL UNIT
	AUTOMATIC DOOR OPERATOR		HORIZONTAL UNIT HEATER
	CONNECTION TO COMPUTER ROOM AIR COOLING UNIT BY EC		MOTOR OPERATED DAMPER
	CONNECTION TO FIRE ALARM SYSTEM CONTROL PANEL		MOTORIZED GATE - 120V-1ø
	CONNECTION TO FIRE ALARM SYSTEM VISUAL SIGNAL AMPLIFIER PANEL		MOTORIZED VALVE
	CONNECTION TO DOOR ACCESS SYSTEM CONTROL AND POWER SUPPLY CABINET		JUNCTION BOX
	CONNECTION TO FIRE ALARM SYSTEM CONTROL PANEL		MUSHROOM STYLE HEAD PUSHBUTTON - EMERGENCY FUNCTION AS NOTED
	CONNECTION TO FIRE ALARM SYSTEM VISUAL SIGNAL AMPLIFIER PANEL		PUSHBUTTON - START/STOP, RAISE/LOWER, UP/DOWN
	CONNECTION TO DOOR HARDWARE, PROVIDED BY OTHERS, BY EC		AREA OF RESCUE ASSISTANCE - MASTER STATION
	HAND DRYER - 48" ABOVE FINISHED FLOOR, UNLESS NOTED OTHERWISE		AREA OF RESCUE ASSISTANCE - REMOTE STATION
	PUSHPLATE		AREA OF RESCUE ASSISTANCE SIGN OF LIFE SAFETY POWER
	FINAL CONNECTION BY EC TO AREA OF RESCUE ASSISTANCE POWER SUPPLY		JUNCTION BOX AND POWER FLEX CONDUIT FEED TO DIRT WALL SYSTEM
	CONNECTION TO VARIABLE VOLUME BOX BY EC		JUNCTION BOX AND POWER FLEX CONDUIT FEED TO WORKSTATION - MOUNTED 18" ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED
	CONNECTION TO EXTERIOR CAMERA HEATER		1P, 120V MANUAL MOTOR STARTER WITH THERMAL OVERLOAD
	CONNECTION TO VARIABLE VOL BOX POWER SUPPLY		POWER FLEX CONDUIT FEED TO WORKSTATION FROM FLOOR MOUNTED PEDESTAL
	CONNECTION TO MOTORIZED DAMPER		GROUND ROD
	CONNECTION TO AUTOMATIC TEMP CONTROL PANEL		
	CONNECTION TO CONTROL VALVE POWER		
	CONNECTION TO WIRELESS LOCK RECEIVER POWER SUPPLY BY EC		
	CONNECTION TO LIGHTING RELAY CONTROL PANEL		

FIRE ALARM LEGEND	
SYMBOL	DESCRIPTION
	FIRE ALARM ANNUNCIATOR PANEL
	INDIVIDUAL ADDRESSABLE MODULE
	FIRE ALARM SYSTEM CONTROL PANEL
	FIRE ALARM SYSTEM EXTENDER PANEL
	ZONE ADDRESSABLE MODULE
	FIRE ALARM AND MASS NOTIFICATION SYSTEM AUDIO/VISUAL TYPE WALL MOUNTED SPEAKER W/ ADA STROBE
	FIRE ALARM SYSTEM MANUAL PULL STATION
	FIRE ALARM SYSTEM DUCT DETECTOR BY EC, INSTALLED BY HC, ALARM WIRING BY EC, INTERLOCK WIRING TO HVAC EQUIPMENT BY HC
	FIRE ALARM SYSTEM - AUTOMATIC DOOR HOLDER UNIT, BY OTHERS - WIRED BY EC
	FIRE ALARM SYSTEM - FLOW SWITCH FOR SPRINKLER SYSTEM
	FIRE ALARM SYSTEM - SUPERVISED VALVE FOR SPRINKLER SYSTEM
	FIRE ALARM SYSTEM - TAMPER SWITCH FOR SPRINKLER SYSTEM
	FIRE ALARM SYSTEM HEAT DETECTOR
	FIRE ALARM SYSTEM SMOKE DETECTOR - PHOTO-ELECTRIC
	SMOKE DAMPER (REQUIRES 120V = 1ø)
	FIRE ALARM SYSTEM ELEVATOR RECALL SMOKE DETECTOR
	FIRE ALARM AND MASS NOTIFICATION SYSTEM STROBE DEVICE

SECURITY SYSTEM LEGEND	
SYMBOL	DESCRIPTION
	INTERIOR CAMERA (FIXED POSITION) - LETTER DESIGNATES TYPE AND BIT RATE. SEE SCHEDULE THIS DRAWING
	SECURITY ASSISTANCE BUTTON
	AUTOMATIC DOOR CONTROLLER
	CARD READER - PROXIMITY
	DOOR CONTACT - ROLLER TYPE UNLESS NOTED OTHERWISE
	DOOR INTERCOM
	DOOR LOCK - ELECTRIC TYPE IN DOOR
	DOOR RELEASE BUTTON
	NETWORK VIDEO RECORDER
	ELECTRIC STRIKE - PROVIDED BY OTHERS
	WIRELESS LOCKS - PROVIDED BY OTHERS
	ELECTRIFIED PANIC DOOR HARDWARE
	MAGNETIC LOCKS - PROVIDED BY OTHERS

CAMERA TYPE SCHEDULE				
CAMERA TYPE	BASE-OF-DESIGN MANUFACTURER	CATALOG NUMBER	EQUIVALENT MANUFACTURER	BIT RATE (Mbps/sec)
A	AVIGILON	1.0-H3-D1	PELCO BOSCH VICON	0.675 Mbps
B	AVIGILON	2.0-H3-DC1	PELCO BOSCH VICON	1.52 Mbps
C	AVIGILON	3.0W-H3-DC1	PELCO BOSCH VICON	2.07 Mbs
D	AVIGILON	5.0-H3-DC1	PELCO BOSCH VICON	2.84 Mbs
E	AVIGILON	5.0-H3-DP1	PELCO BOSCH VICON	2.84 Mbs

ELECTRICAL LEGEND (Misc.)	
SYMBOL	DESCRIPTION
	ELECTRICAL PANEL BOARD - SURFACE MOUNTED
	ELECTRICAL PANEL BOARD - RECESSED
	MULTI-OUTLET ASSEMBLY (RATING AS NOTED)
	INDICATES NOTES ELSEWHERE
	PHASE
	BUSWAY
	SWITCH LEG
	BRANCH CIRCUIT
	SWITCHED CIRCUIT
	HOMERUN TO PANEL BOARD - #12-3/4" UNO
	CROSS HATCHING INDICATES EQUIPMENT AND/OR WIRING TO BE RENDERED DEAD AND REMOVED BY EC

SINGLE LINE SYMBOL LEGEND	
SYMBOL	DESCRIPTION
	TRANSFORMER
	NON-DRAWOUT TYPE CIRCUIT BREAKER (600V OR LOWER)
	MOTOR
	AUTOMATIC TRANSFER SWITCH
	GENERATOR
	AMMETER
	CURRENT TRANSFORMER - RATION AS INDICATED ON PLANS
	POTENTIAL TRANSFORMER - PRIMARY AND SECONDARY VOLTAGES AS INDICATED ON PLANS
	PANELBOARD OR LOADCENTER (MAIN CIRCUIT BREAKER)
	PANELBOARD OR LOADCENTER (MAIN LUG ONLY)
	VARIABLE FREQUENCY DRIVE WITH MANUAL BYPASS
	SURGE PROTECTIVE DEVICE

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