

SYMBOL	DESCRIPTION
	CONNECTION POINT TO EQUIPMENT SPECIFIED. FURNISHED AND INSTALLED UNDER OTHER DIVISIONS. RACEWAY, CONDUCTOR AND CONNECTION SPECIFIED IN DIVISION 16. COORDINATE FINAL CONNECTION WITH EQUIPMENT SUPPLIER.
	MAJOR ELECTRICAL COMPONENT OR DEVICE - NAME OR IDENTIFYING SYMBOL AS SHOWN.
	BRANCH CIRCUIT PANELBOARD
	UNIT HEATER
	TELEPHONE TERMINAL BOARD
	COMPUTER TERMINAL CABINET
	TERMINAL JUNCTION BOX
	MOTOR, SQUIRREL CAGE INDUCTION, HORSEPOWER INDICATED ON ONE-LINE DIAGRAM, (M) SHOWN ON PLANS
	INDICATES LUMINAIRE - SEE SCHEDULE
	INDICATES CIRCUIT IN PANELBOARD
	INDICATES COMPACT FLUORESCENT LUMINAIRE - SEE SCHEDULE
	LUMINAIRE AND POLE - SEE SCHEDULE SITE PLAN POLE LIGHTING IS AT 480V: a, b INDICATES PHASE CONNECTION
	SEE SCHEDULE FLOODLIGHT AND POLE
	CEILING OR PENDANT MOUNTED LUMINAIRE - SEE SCHEDULE
	WALL MOUNTED LUMINAIRE, SEE SCHEDULE
	PHOTOCELL
	INDICATES CIRCUIT IN PANELBOARD EMERGENCY LIGHTING UNIT, SEE SCHEDULE IDENTIFIER
	EMERGENCY REMOTE LAMP HEAD - SEE SCHEDULE FED FROM EMERGENCY LIGHTING UNIT A (12VDC)
	INDICATES LUMINAIRE TYPE - SEE SCHEDULE EXIT LIGHT CEILING MOUNTED INDICATES CIRCUIT IN PANELBOARD FED FROM EMERGENCY LIGHTING UNIT A (12VDC)
	EXIT LIGHT, WALL MOUNTED
	NUMBER INDICATES CIRCUIT IN PANELBOARD, LCx INDICATES THAT SWITCH IS 3 POSITION, CENTRE OFF MOMENTARY CONTACTS AND CONTROLS MECHANICALLY HELD LIGHTING CONTACTOR LCx SWITCH: 2- DOUBLE POLE 3- THREE WAY 4- FOUR WAY CRE- CORROSION RESISTANT D- DIMMER K- KEY OPERATED P- PILOT LIGHT WP- WEATHERPROOF WALL SWITCH
	M- MOTOR RATED TOGGLE SWITCH WITHOUT OVERLOADS MS- MANUAL MOTOR STARTER WITH OVERLOADS MOTOR SWITCH

SYMBOL	DESCRIPTION
	HOME RUN - DESTINATION SHOWN
	EXPOSED CONDUIT AND CONDUCTORS*
	CONCEALED CONDUIT AND CONDUCTORS*
NOTE: *ALL UNMARKED CONDUIT RUNS CONSIST OF TWO NO. 12 CONDUCTORS IN CONDUIT. RUNS MARKED WITH CROSSHATCHES INDICATE NUMBER OF NO. 12 CONDUCTORS. CROSSHATCH WITH SUBSCRIPT "G" INDICATES GREEN GROUND WIRE. SIZE CONDUIT ACCORDING TO SPECIFICATIONS AND APPLICABLE CODE.	
	CIRCUIT CALLOUT, [1"C,3#8,1#10G] CONDUIT, CONDUCTOR, AND NUMBER INDICATED. [2-3"C,3-350 KCMIL, 1#1/0G EA]; INDICATES TWO CONDUITS, EACH WITH CONDUCTORS INDICATED. SEE TABLE ON DWG G-14.
	INDICATES WIRING DEFINED IN THE CIRCUIT CONDUCTOR AND CONDUIT IDENTIFICATION SCHEDULE.
	GROUND ROD IN ACCESSIBLE TEST WELL
	CROSSHATCHES WITH BAR INDICATE #10 CONDUCTOR. SIZE CONDUIT ACCORDING TO SPECIFICATIONS AND APPLICABLE CODE.
	CONDUIT DOWN
	CONDUIT UP
	CONDUIT, STUBBED AND CAPPED AS SHOWN
	BUS DUCT, SEE SPECIFICATIONS
	CONCRETE ENCASED CONDUIT
	DIRECT BURIED CONDUIT
	GROUND
	TRENCHING FOR UTILITY COMPANY PRIMARY POWER CIRCUITS
	TRENCHING FOR TELEPHONE COMPANY CIRCUITS
	DUPLEX RECEPTACLE, MOUNTING HEIGHT 12" 120V, 2P, 2W&GND, 15A, NEMA 5-15
	DUPLEX RECEPTACLE MTD ABOVE COUNTER. 120V, 2P, 2W&GND, 15A, NEMA 5-15
	DUPLEX CONVENIENCE RECEPTACLE - FLUSH IN FLOOR 120V, 2P, 2W&GND, 15A, NEMA 5-15
	MULTI-OUTLET ASSEMBLY
	CLOCK HANGER CONVENIENCE RECEPTACLE
<u>SINGLE RECEPTACLES</u>	
	120V, 2P, 2W&GND, 30A, NEMA 5-30R
	240V, 2P, 2W&GND, 20A, NEMA 6-20R
	240V, 2P, 2W&GND, 30A, NEMA 6-30R
	208V, 3P, 3W&GND, 30A, NEMA L15-30
	480V, 3P, 3W&GND, 20A, NEMA L16-20
	TELEPHONE RECEPTACLE IN OUTLET BOX FLUSH IN FLOOR
	DATA RECEPTACLE IN OUTLET BOX FLUSH IN WALL
	TELEPHONE RECEPTACLE IN OUTLET BOX WITH PLATE
	DATA RECEPTACLE IN OUTLET BOX WITH PLATE
	GENERAL CONTROL OR WIRING DEVICE. LETTER SYMBOLS OR ABBREVIATIONS INDICATE TYPE OF DEVICE.
	CONTROL STATION, SEE CONTROL DIAGRAMS FOR TYPE.
	CONDUIT FITTING OR JUNCTION BOX
	AMBIENT THERMOSTAT

SYMBOL	DESCRIPTION
	NONFUSED DISCONNECT SWITCH, SIZE INDICATED, 3 POLE UNLESS INDICATED OTHERWISE.
	FUSED DISCONNECT SWITCH, SIZE INDICATED (60/40, 60 = SWITCH RATING: 40 = FUSE RATING) 3 POLE UNLESS INDICATED OTHERWISE.
	CONTACTOR, MAGNETIC, NEMA SIZE INDICATED.
	IDENTIFIER (LC NAME)
	LIGHTING CONTACTOR (SEE CONTROL DIAGRAM)
	CONTROLLED CIRCUITS CURRENT RATING
	STARTER MAGNETIC NEMA SIZE INDICATED, SEE CONTROL DIAGRAM.
	COMBINATION (FUSE OR CIRCUIT BREAKER AS INDICATED) MAGNETIC STARTER, NEMA SIZE INDICATED, SEE CONTROL DIAGRAM.
	POWER PACK IN NEMA 1 ENCLOSURE. MOUNT ON EXPOSED CEILING OR ABOVE ACCESSIBLE SUSPENDED CEILINGS
	INFRARED SENSOR, WALL MOUNT, TWO LAMP LUMINAIRES
	INFRARED SENSOR, THREE WAY, WALL MOUNT, THREE LAMP LUMINAIRES
	ULTRASONIC SENSOR, CEILING
	FIRE ALARM STATION, MANUAL
	FIRE ALARM TRUMPET HORN
	FIRE ALARM COMBINATION STROBE/HORN
	FIRE ALARM HEAT DETECTOR (ADDRESSABLE)
	FIRE ALARM PHOTOELECTRIC DETECTOR (ADDRESSABLE)
	FIRE ALARM SYSTEM RACEWAY, [3/4"C,MIN]
	TELEPHONE SYSTEM RACEWAY
	VOICE/DATA SYSTEM RACEWAY
<u>PANELBOARD DESCRIPTION</u>	
	PANELBOARD NUMBER
	L=LIGHTING PANEL (120/208V)
	D=DISTRIBUTION PANEL (480V)
	P=POWER PANEL (120/208V)
	FLOOR NUMBER
	FACILITY NUMBER
<u>CIRCUITING DESCRIPTION</u>	
	100-1L1-2: INDICATES FED FROM PANEL 100-1L1, CIRCUIT NO. 2
	2: INDICATES FED FROM PANEL PER NOTE ON PLANS, CIRCUIT NO. 2

SYMBOL	DESCRIPTION															
	CONTACT - NORMALLY OPEN WITH NEMA SIZE INDICATED AS APPLICABLE															
	CONTACT - NORMALLY CLOSED															
	OVERLOAD RELAY HEATER															
	MAGNETIC STARTER WITH NEMA SIZE INDICATED															
	CIRCUIT BREAKER, MAGNETIC TRIP ONLY, FRAME SIZE SHOWN, 3 POLE UNLESS INDICATED OTHERWISE.															
	CIRCUIT BREAKER, THERMAL MAGNETIC TRIP SHOWN, 3 POLE UNLESS INDICATED OTHERWISE.															
	AIR CIRCUIT BREAKER AMP TRIP AMP FRAME SIZE															
	SWITCH - CURRENT RATING INDICATED, 3 POLE UNLESS INDICATED OTHERWISE.															
	FUSE - RATING INDICATED															
	DRAWOUT CIRCUIT BREAKER, LOW VOLTAGE															
	DRAWOUT CIRCUIT BREAKER, MEDIUM VOLTAGE AMP TRIP AMP FRAME SIZE															
	DRAWOUT FUSED SWITCH, MEDIUM VOLTAGE															
	SURGE ARRESTER															
	CAPACITOR - KVAR INDICATED															
	METER WITH SWITCH - SCALE RANGE SHOWN															
	PUSH-BUTTON SWITCH, MOMENTARY CONTACT, NORMALLY OPEN															
	PUSH-BUTTON SWITCH, MOMENTARY CONTACT, NORMALLY CLOSED															
	PUSH BUTTON SWITCH, MAINTAINED CONTACTS WITH MECHANICAL INTERLOCK															
	EMERGENCY STOP PUSHBUTTON, MAINTAINED CONTACT, PUSH-TO-OPEN, PULL-TO-CLOSE, RED MUSHROOM OPERATOR															
	NORMALLY CLOSED, TIME DELAY OPENING															
	NORMALLY CLOSED, TIME DELAY CLOSING															
	NORMALLY OPEN, TIME DELAY CLOSED															
	NORMALLY OPEN, TIME DELAY OPEN															
	REMOTE DEVICE															
	SELECTOR SWITCH - MAINTAINED CONTACT - CHART IDENTIFIES OPERATION:															
	<table border="1"> <thead> <tr> <th rowspan="2">CKT</th> <th colspan="3">POSITION</th> </tr> <tr> <th>HAND</th> <th>OFF</th> <th>AUTO</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>X</td> <td>O</td> <td>O</td> </tr> <tr> <td>2</td> <td>O</td> <td>O</td> <td>X</td> </tr> </tbody> </table>	CKT	POSITION			HAND	OFF	AUTO	1	X	O	O	2	O	O	X
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	480V, 3P, 3W&GND, 20A, NEMA L16-20															

GENERAL NOTE
THIS IS A STANDARD LEGEND SHEET. SOME SYMBOLS MAY APPEAR ON THIS DRAWING AND NOT ON THE PLANS.

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CH2MHILL

STAMFORD WATER POLLUTION CONTROL AUTHORITY SOLIDS DRYING PROJECT

RECORD DRAWING RE-ISSUED FOR CONSTRUCTION ISSUED FOR CONSTRUCTION FOR FINAL REVIEW/ BUILDING PERMIT

DATE: 01/20/08
09/09/06
07/04/06
06/05/06

NO. 3 2 1 0

DATE

DR

REVISION

CHK I BARRETT
B GACKSTATTER

APVD B GACKSTATTER

GENERAL ELECTRICAL LEGEND (1)

VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING.

DATE: JUNE 2006
PROJ: 334058
DWG: G-11
SHEET: E0