

**84 CHALET ROAD
KIAMESHA LAKE, NY 12751**

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PERMIT SET
09/30/2021



P.I.C. _____ L.D. _____
P.M. _____ P.A. _____

ISSUE	09/30/21
JOB	H18064.14
DRAWN	DSL
SCALE	NTS

[illegible]

ELECTRICAL SYMBOL LIST, GENERAL NOTES AND DIST. DIAGRAM

A. ALL CONDUITS SHALL BE INSTALLED AS HIGH AS POSSIBLE ABOVE FINISHED CEILINGS AND CONCEALED IN WALLS UNLESS OTHERWISE INDICATED. ALL CONDUITS SHALL RUN PARALLEL TO OR PERPENDICULAR WITH FINISHED WALLS AND STRUCTURE. CONDUITS CONCEALED IN WALLS SHALL BE INSTALLED VERTICALLY. HORIZONTAL RUNS OF CONDUIT SHALL NOT BE PERMITTED.

B. CONTRACTOR IS HEREBY NOTIFICATION THAT ELECTRIC POWER CHARACTERISTICS (VOLTAGE, PHASE, HORSEPOWER, AMPERAGE, ETC.) OF EQUIPMENT IS BASED ON AVAILABLE INFORMATION AT THE TIME OF PROJECT DESIGN. CONTRACTOR MUST VERIFY CHARACTERISTICS FOR EACH PIECE OF NEW EQUIPMENT PRIOR TO ORDERING ELECTRICAL EQUIPMENT. INDICATE VERIFICATION ON SUBMITTALS.

C. LOCATIONS INDICATED FOR LIGHTING FIXTURES ARE APPROXIMATE. LOCATE FIXTURES AS REQUIRED TO AVOID INTERFERENCE WITH BUILDING SYSTEMS, PIPING, DUCTWORK, CONDUIT, DISPENSERS, GRILLES, SPEAKERS, SMOKE DETECTORS, ETC. FIELD COORDINATE EXACT LOCATIONS AS NEAR AS POSSIBLE TO THE LOCATION INDICATED.

D. EXACT LOCATIONS OF CEILING MOUNTED SMOKE DETECTORS, EXIT SIGNS, ETC. SHALL BE COORDINATED WITH OTHER CEILING MOUNTED EQUIPMENT TO AVOID CONFLICT. LOCATE DEVICES AS NEAR AS POSSIBLE TO THE LOCATION INDICATED. FIRE ALARM SMOKE AND HEAT DETECTORS SHALL BE LOCATED 3'-0" MINIMUM FROM HVAC DIFFUSERS, REGISTERS, GRILLES, ETC. SMOKE DETECTORS AT SMOKE DOORS MUST BE INSTALLED WITH 5'-0" OF THE DOORS (REFER TO FFA 72).

E. EXACT LOCATIONS OF ALL DEVICES, RACEWAYS, ETC. SHALL BE FIELD VERIFIED TO AVOID INTERFERENCE WITH CABINETS, FURNITURE, ETC. COORDINATE FINAL LOCATIONS WITH THE OWNER, ARCHITECT AND ENGINEER BEFORE INSTALLATION.

F. CONTRACTOR SHALL REVIEW ALL TRADES' CONTRACT DOCUMENTS TO DETERMINE SPECIFIC MOUNTING LOCATIONS FOR ELECTRICAL EQUIPMENT. COORDINATE EXACT MOUNTING LOCATIONS WITH THE ARCHITECT AND OTHER CONTRACTORS. REFER TO ARCHITECTURAL PLANS FOR CASEWORK, AROUND, ELEVATIONS, ETC. COORDINATE WITH LOCATIONS OF ELECTRICAL DEVICES AND OUTLETS.

G. EXACT LOCATION OF MECHANICAL AND PLUMBING EQUIPMENT THAT REQUIRE ELECTRICAL CONNECTIONS ARE SHOWN ON THE MECHANICAL AND PLUMBING DRAWINGS. COORDINATE PRIOR TO COMMENCING ANY WORK.

H. PROVIDE CONDUIT/WIRING (CIRCUITING) AND REQUIRED CONNECTIONS TO ALL DEVICES/ EQUIPMENT. CONNECT TO CIRCUIT(S) AS INDICATED.

I. CIRCUITING TO DEVICES/EQUIPMENT SHALL BE 2 #12 WITH 1 #12 GROUND (MULTIPLE HOMERUNS IN SAME CONDUIT MAY SHARE SAME EQUIPMENT GROUND) FOR EACH 20 AMPERE CIRCUIT UNLESS OTHERWISE NOTED. ALL CIRCUITS SHALL HAVE SEPARATE NEUTRALS (CIRCUIT SHALL NOT SHARE NEUTRALS).

NOTES:
ALL RECEPTACLES ASSOCIATED WITH DATA OUTLETS SHALL HAVE "DATA
OUTLET POWER" LABEL ON FACEPLATE. LABEL TO BE DYMO TAPE.

COORDINATE FINAL MOUNTING HEIGHTS WITH ARCHITECTURAL AND
INTERIOR DESIGN DRAWINGS.

POS - POINT OF SALE
KP - KITCHEN PRINTER
ATM - AUTOMATIC TELLER MACHINE
T/A - TIME/ATTENDANCE MACHINE

ABBREVIATION	DESCRIPTION
A.F.F.	ABOVE FINISHED FLOOR
A.F.G.	ABOVE FINISHED GRADE
A.	AMPERE
AUTO.	AUTOMATIC
BSMT.	BASEMENT
BKR.	BREAKER
CLG.	CEILING
CONTR.	CONTRACTOR
CONT.	CONTRACTOR
C.	CONDUIT
DP	DISTRIBUTION PANEL
DN.	DOWN
EA.	EACH
E.C.	ELECTRICAL CONTRACTOR
ELEC.	ELECTRIC
EMERG.	EMERGENCY
EM.	EMERGENCY
EWC	ELECTRIC WATER COOLER
EXIST.	EXISTING
F.A.	FIRE ALARM
F.A.C.P.	FIRE ALARM CONTROL PANEL
F.A.T.C.	FIRE ALARM TERMINAL CABINET
FCU	FAN COIL UNIT
FZ (3)	FIRE ZONE (3)
GRS.	GALVANIZED RIGID STEEL
GND.	GROUND
G.C.	GENERAL CONTRACTOR
GEN.	GENERATOR
G.F.C.I.	GROUND FAULT CIRCUIT INTERRUPTER
H.V.A.C.	HEATING, VENTILATING AND AIR CONDITIONING
HP.	HORSEPOWER
KW.	KILOWATT
LTG.	LIGHTING
M.C.B.	MAIN CIRCUIT BREAKER
M.L.O.	MAIN LUG ONLY
MICRO	MICROWAVE
NL	NIGHT LIGHT
PNL	PANEL
PH.	PHASE
P.C.	PLUMBING CONTRACTOR
PV	POWER VENTILATOR
P.	POLE
REFRIG.	REFRIGERATOR
SP.	SPACE
SPEC.	SPECIFICATION
SW.	SWITCH
T.V.	TELEVISION
T.B.	TELEPHONE BACKBOARD
T.T.C.	TELEPHONE TERMINAL CABINET
TYP.	TYPICAL
U.L.	UNDERWRITER'S LABORATORY
V.	VOLT
WP	WEATHERPROOF
4 W.	WIRE
3P_15A	P = POLE A = AMPERE
OC	MOUNTED OVER COUNTER HEIGHT
UC	MOUNTED UNDER COUNTER HEIGHT
UV	UNIT VENTILATOR
WG	WIRE GUARD
VP	VANDAL PROOF POLYCARBONATE GUARD
EHP	FRACTIONAL HORSEPOWER
EF	EXHAUST FAN
CUH	CABINET UNIT HEATER

	HOME RUN TO PANEL/BOARD. LETTERS/NUMBERS INDICATE PANEL. NUMBERS INDICATE CIRCUITS. NUMBER OF ARROWS EQUALS NUMBER OF CIRCUITS. CIRCUIT SHALL BE 20 AMP, 120 VOLT, 2 #12 1 #12 EG. IN °C, UNLESS NOTED OTHERWISE. BRANCH CIRCUIT WIRING SIZE AND NUMBER TO MATCH HOMERUN. REFER TO SPECS FOR RACEWAY TYPE.
	SOLID HALF ARROW(S) INDICATES 120 VOLT CIRCUIT TO SINGLE POLE CIRCUIT BREAKER(S), UNLESS NOTED OTHERWISE.
	SOLID FULL ARROW(S) INDICATES 208 VOLT CIRCUIT TO SINGLE POLE CIRCUIT BREAKER, UNLESS NOTED OTHERWISE.
	UNDERGROUND ELECTRIC
	UNDERGROUND COMMUNICATION
	UNDERGROUND PRIMARY FEEDER
	HEAVY DASHED INDICATES CONDUIT RUN BELOW SLAB
	REFERENCE TO DRAWING NOTE
	JUNCTION BOX
	SPECIAL PURPOSE RECEPTACLE. PROVIDE PROPER VOLTAGE, CLASS, CURRENT RATING AND NEMA CONFIGURATION AS REQUIRED BY BRANCH CIRCUIT AND/OR MATCH CAP ON EQUIPMENT BEING FURNISHED BY OTHERS. PROVIDE CORD AND CAP.
	DUPLEX RECEPTACLE, 20 AMP, 125 VOLT SUBSCRIPTS INDICATE TYPE: CR - CORROSION RESISTANT DT - DUST TIGHT IG - ISOLATED GROUND OC - OVER THE COUNTER SS - MOV SURGE SUPPRESSION UC - UNDER THE COUNTER WP - WEATHER PROOF L - LOCKABLE COVER TR - TAMPER RESISTANT
	DUPLEX RECEPTACLE, GROUND FAULT CIRCUIT INTERRUPTING TYPE
	QUAD RECEPTACLE 20 AMP, 125 VOLT
	QUAD RECEPTACLE 20 AMP, 125 VOLT, GROUND FAULT CIRCUIT INTERRUPTING TYPE
	TOGGLE SWITCH, VOLTAGE AS INDICATED ON FIXTURE SCHEDULE. SUBSCRIPTS INDICATE TYPE: 2 - TWO POLE SWITCH 3 - THREE WAY SWITCH 4 - FOUR WAY SWITCH LV - LOW VOLTAGE, MOMENTARY CONTACT K - KEY OPERATED P - PILOT LIGHT WP - WEATHERPROOF EP - EXPLOSION PROOF M - MOMENTARY CONTACT SWITCH OS - OCCUPANCY SENSOR VS - VACANCY SENSOR TS - ELECTRONIC TIMER a,b,c - SWITCHING DESIGNATIONS NUMBER OF LETTERS EQUALS NO. OF GANGED SWITCHES IH - ILLUMINATED HANDLE HLP - HEAT LAMP PRESET
	CEILING MOUNTED OCCUPANCY SENSOR
	HANDHOLE

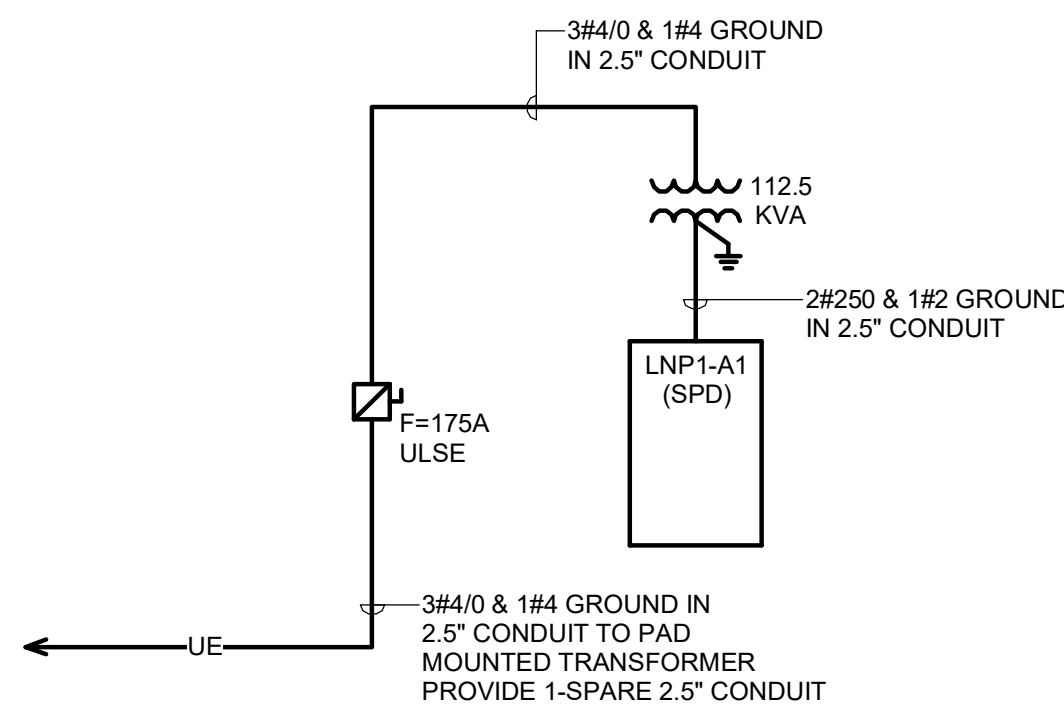
	SMOKE DETECTOR
	MANUAL PULL STATION
	ALARM SIGNAL, SPEAKER AND STROBE
	ALARM SIGNAL, STROBE
	RATE-OF-RISE HEAT DETECTOR
	FIXED TEMPERATURE (190° DEG.) HEAT DETECTOR
	FIXED TEMPERATURE (135° DEG.) HEAT DETECTOR
	FIRE ALARM CONTROL PANEL
	CARBON MONOXIDE DETECTOR

	TRANSFORMER
	208Y/120 VOLT PANELBOARD.
	DISCONNECT SWITCH
	FUSED DISCONNECT SWITCH
	MOTOR CONNECTION. REFER TO ELECTRICAL EQUIPMENT AND CONTROL SCHEDULE FOR SIZE
	COMPLETE ELECTRICAL CONNECTION TO EQUIPMENT

	FUSED DISCONNECT SWITCH
	THERMAL MAGNETIC MOLDED CASE CIRCUIT BREAKER
	TRANSFORMER
	GROUND CONNECTION
	FEEDER DESIGNATION. REFER TO FEEDER SCHEDULE
	TRANSIENT VOLTAGE SURGE SUPPRESSOR

	CEILING MOUNTED LUMINAIRE
	WALL MOUNTED LUMINAIRE
	LUMINAIRE PROVIDED WITH EMERGENCY BATTERY PACK
	LUMINAIRE CONNECT TO NIGHT LIGHT CIRCUIT
	WALL MOUNTED EMERGENCY LUMINAIRE WITH BATTERY PACK
	EMERGENCY BATTERY PACK REMOTE LUMINAIRE HEAD
	CEILING MOUNTED EXIT LUMINAIRE
	WALL MOUNTED EXIT LUMINAIRE
	SITE LIGHT SINGLE
	SITE LIGHT DOUBLE

FIXTURE TYPE — F01
 CIRCUIT NUMBER — 4-
 SWITCH LEG — a
 EM — EMERGENCY DESIGNATION



1 POWER DISTRIBUTION DIAGRAM