



ELECTRICAL SYMBOLS & INSTRUCTIONS	
	Fluorescent fixture and outlet, no. within is type, letter is switch-control group, rectangles indicate no. of sections.
	Recessed flush incandescent fixture, no. within is type, without is wattage, install with Greenfield and twist-lock plug to outlet 1'0" in ceiling void.
	Ceiling mounted incandescent fixture, no. and letter subscripts as above.
	Wall mounted incandescent fixture, no. and letter subscripts as above.
	Emergency lights and battery box 1'6" down with line for power supply and to remote lights.
	Exit light, wall mounted, see fixture schedule for types and mounting.
	SPST flush wall switch 4'0" up, on center adjusted to minimum cut of block or tile, letter is control group, with "X" explosion proof, with "H" 6" above floor.
	Double pole, three-way and four-way switches, notes same as above.
	Branch circuit run in ceiling or wall.
	Branch circuit run in floor.
	Exposed conduit.
	Low voltage or systems wiring, concealed.
	Multi-conductor branch circuit, no. of hashmarks is no. of wires, without hashmarks two circuit conductors plus grounding conductor.
	Home run to circuit and panelboard indicated, no. of arrows is no. of phase wires, no. of hashmarks indicates no. of wires as above.
	Directive arrow.
	Ground.
	Duplex grounded polarized 120 volt three-wire convenience outlet 1'0" up vertically, with "U" 4'0" up, letter is circuit group, with "WP" weatherproof, adjust to minimum cut of block or tile, with "G" for ground fault circuits.
	Split wire duplex outlet with 1/2 switch controlled.
	Single outlets in plugmold strip, mounted per detail.
	Duplex floor outlet.
	Range or welder outlet of ampacity indicated.
	Special purpose outlet or equipment connection.
	Single throw fused disconnect switch, no. of poles and size as required for the load, "NF" non-fused, "HD" heavy duty.
	Manual starter, with "P" include pilot light, wall flush in finished areas 4'0" up.
	Remote control magnetic starter, with "MOA" manual-off-automatic switch.
	Combination starter with fused disconnect or MCP if CB indicated.
	Circuit breaker.
	Transformer.
	Circuit breaker with shunt trip.
	Shunt trip push button wall flush 5'0" up, stencil added above stating "Emergency Trip" in 1" letters.
	Motor of size shown.
	Splice of junction box.
	Pull box.
	Aquistat.
	Push button station 4'6" above finished floor.
	Push button station with pilot.
	Normally open contacts.
	Normally closed contacts.
	Coil.
	Thermostat, with "N" night thermostat, mount as "H&V" directed.
	120/208 volt panelboard.
	120/240 volt panelboard.
	480 volt panelboard.
	Clock and outlet, 1'6" below ceiling, of face size shown.
	Telephone outlet 1'0" up, with "P" pay phone.
	Floor telephone outlet.
	Flush fire horn 1'0" down, subscript indicated alarm zone group.
	Fire call box 5'0" up, subscript indicates call zone group.
	Fire alarm drill switch, flush - semi-flush.
	Master fire alarm box, semi-flush 5'0" up on center.
	Fire alarm annunciator, flush - semi-flush.
	Fire alarm control panel.
	Smoke detector.
	Rate of rise fire detector.
	Fixed temperature fire detector.
	Room number.
	See note of same letter on sheet.
	Detail, see detail of top number on sheet of bottom number.
	Pneumatically operated electric switch.
	Electrically operated pneumatic control.
	Float switch.
	Fire Stat switch.
	High limit switch.
	Freeze protector switch.
	Motorized valve.
	Damper motor.
E, ER, R E = EXISTING, ER = EXISTING REPLACE, R = REMOVE	

- NOTES:
- (A) - MECHANICAL TO PROVIDE UNISTRUT HANGERS FOR DUCT & LIGHT FIXTURES, ELECTRICAL TO INSTALL LIGHT FIXTURES
 - (B) - TO CONTACTOR & TIME CLOCK IN JANITOR'S ROOM
 - (C) - EXISTING U.V. TO BE REMOVED BY MECHANICAL CONTRACTOR, ALL WIRING TO BE REMOVED BY ELECTRICAL CONTRACTOR
 - (D) - TIME CLOCK & CONTACTORS TO CONTROL NIGHT SETBACK FOR H&V
 - (E) - TO LIGHTING CONTACTOR IN RM. #233
 - (F) - MECHANICAL CONTRACTOR TO PROVIDE SHOP DRAWINGS WITH WIRING SCHEMATIC FOR COAL BOILER STOKER TO ELECTRICAL ENGINEER FOR REVIEW BEFORE WIRING
 - (R) - MOUNT ON WALL ABOVE CORRIDOR FIXTURES, EXTEND STEMS AS NEEDED TO OBTAIN PROPER ILLUMINATION

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SOUTH UPPER LEVEL PLAN
1/8" = 1'-0"

MECHANICAL ROOM LIGHTING PLAN
1/8" = 1'-0"

webster
baldwin
day
rohrman

architects
engineers

bangor, maine

1494

N.M.V.T.I.
SHOP

PRESQUE ISLE
MAINE

KEY PLAN

NO.	REVISION	DATE

DESIGNER

ENGINEER

DRAWN BY

CHECKED BY

DATE: JUNE 1, 1981

Lighting & Power
South Upper
Level Plan,
List of
Symbols

E5