# LIGHT FIXTURE SCHEDULE

| MARK | DESCRIPTION |
|---|---|
| A | NUTONE 8663F OR APPROVED EQUAL - CEILING MOUNT FAN AND LIGHT COMBINATION, 14" DIAMETER. OPAL GLASS DIFFUSER. WHITE POLYMERIC GRILLE. 80 CFM. FAN AND LIGHT TO OPERATE SIMULTANEOUSLY. ONE 20 WATT AND ONE 22 WATT CIRCLINE LAMPS. ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL FIXTURE. MECHANICAL CONTRACTOR SHALL PROVIDE AND INSTALL ALL NECESSARY DUCTWORK. |
| B | METALUX SN140-120-HRS-TU OR APPROVED EQUAL - 4' LONG FLUORESCENT CHANNEL FIXTURE. BAKED WHITE ENAMEL FINISH. T8 ELECTRONIC ENERGY SAVING BALLAST. ONE FO32 WARM WHITE T8 LAMP. MOUNT FIXTURE IN VALANCE PROVIDED BY GENERAL CONTRACTOR. SEE ARCHITECTURAL PLANS FOR MOUNTING DETAILS. |
| C | METALUX SN130-120-HRS-TU OR APPROVED EQUAL - SAME AS "B" FIXTURE EXCEPT 3' LONG. ONE FO25 T8 WARM WHITE LAMP. |
| D | METALUX WS440A-120-TU OR APPROVED EQUAL - 1' X 4' SURFACE MOUNT FLUORESCENT FIXTURE. PRISMATIC ACRYLIC WRAPAROUND DIFFUSER. BAKED WHITE ENAMEL END-PLATES. T8 ELECTRONIC ENERGY SAVING BALLAST. FOUR FO32 WARM WHITE T8 LAMPS. |
| E | HALO H7891-9870C OR APPROVED EQUAL - RECESSED FLUORESCENT DOWNLIGHT, SPECULAR CLEAR REFLECTOR, WHITE TRIM RING, 8" DIAMETER. DAMP LOCATION LISTED. NOT SUITABLE FOR DIRECT CONTACT WITH INSULATION. TWO 13 WATT F13TT LAMPS. |
| EE | HALO H7891EM-9870C OR APPROVED EQUAL - SAME AS "E" FIXTURE EXCEPT WITH INTEGRAL EMERGENCY LIGHTING SYSTEM. |
| F | NUTONE PFC-48WH/VS-64 OR APPROVED EQUAL - CEILING MOUNTED PADDLE FAN, 48" METAL BLADES, WHITE ENAMEL FINISH, VARIABLE SPEED MOTOR. PROVIDE WITH VARIABLE SPEED FAN SWITCH. |
| G | METALUX SS240-120-HRS-Z OR APPROVED EQUAL - 4' LONG FLUORESCENT CHANNEL FIXTURE. BAKED WHITE ENAMEL FINISH. 0 DEGREE COLD WEATHER BALLAST. TWO F40 COOL WHITE T12 LAMPS. |
| GK | HALO L651P/L2716P OR APPROVED EQUAL - 4' LONG SINGLE CIRCUIT TRACK, WHITE FINISH WITH FOUR LOW VOLTAGE GIMBAL RING LAMPHOLDERS. 50 WATT 12 VOLT MR16 LAMPS. MOUNT VERTICALLY IN DISPLAY CASE. SEE ARCHITECTURAL PLANS FOR MOUNTING DETAILS. |
| L | HALO L652P/L1738P OR APPROVED EQUAL- 8' LONG SINGLE CIRCUIT TRACK, WHITE FINISH WITH FOUR LINE VOLTAGE GIMBAL RING LAMPHOLDERS. C90 WATT HALOGEN LAMPS. PENDANT MOUNT TRACK TO 9'0" AFF TO BOTTOM. |
| M | HALO L650P/L2794P OR APPROVED EQUAL - 2' LONG SINGLE CIRCUIT TRACK, WHITE FINISH WITH THREE LOW VOLTAGE GIMBAL RING LAMPHOLDERS. 75 WATT 12 VOLT AR70 SPOT LAMPS. MOUNT ON TOP OF KIOSK, WITH TRACK CONNECTION FACING UP. SEE ARCHITECTURAL PLANS FOR KIOSK DETAILS. |
| N | HALO M7800T-730-43800BA OR APPROVED EQUAL - RECESSED HIGH INTENSITY DISCHARGE DOWNLIGHT, 7.5" DIAMETER, BLACK COILEX BAFFLE WITH TEMPERED GLASS SHIELD. DAMP LOCATION LISTED. FEED-THRU LISTED. ONE 70 WATT MEDIUM BASE METAL HALIDE LAMP. |
| HP | LUMARK MHYS-GL-50-120V-LL OR APPROVED EQUAL - SURFACE MOUNT FULLY ADJUSTABLE CUT-OFF HIGH INTENSITY DISCHARGE FLOODLIGHT FIXTURE. DIE-CAST ALUMINUM HOUSING, GLASS LENS, WET LOCATION LISTED. ONE 50 WATT MEDIUM BASE METAL HALIDE LAMP. MOUNT IN KIOSK - VERIFY EXACT MOUNTING LOCATION WITH ARCHITECT. |
| EX | SURE-LITES 7170-RW OR APPROVED EQUAL - SINGLE FACE, WALL MOUNT L.E.D. EXIT LIGHT WITH INTEGRAL EMERGENCY PACK, WHITE STENCIL FACE, RED LETTERS. |

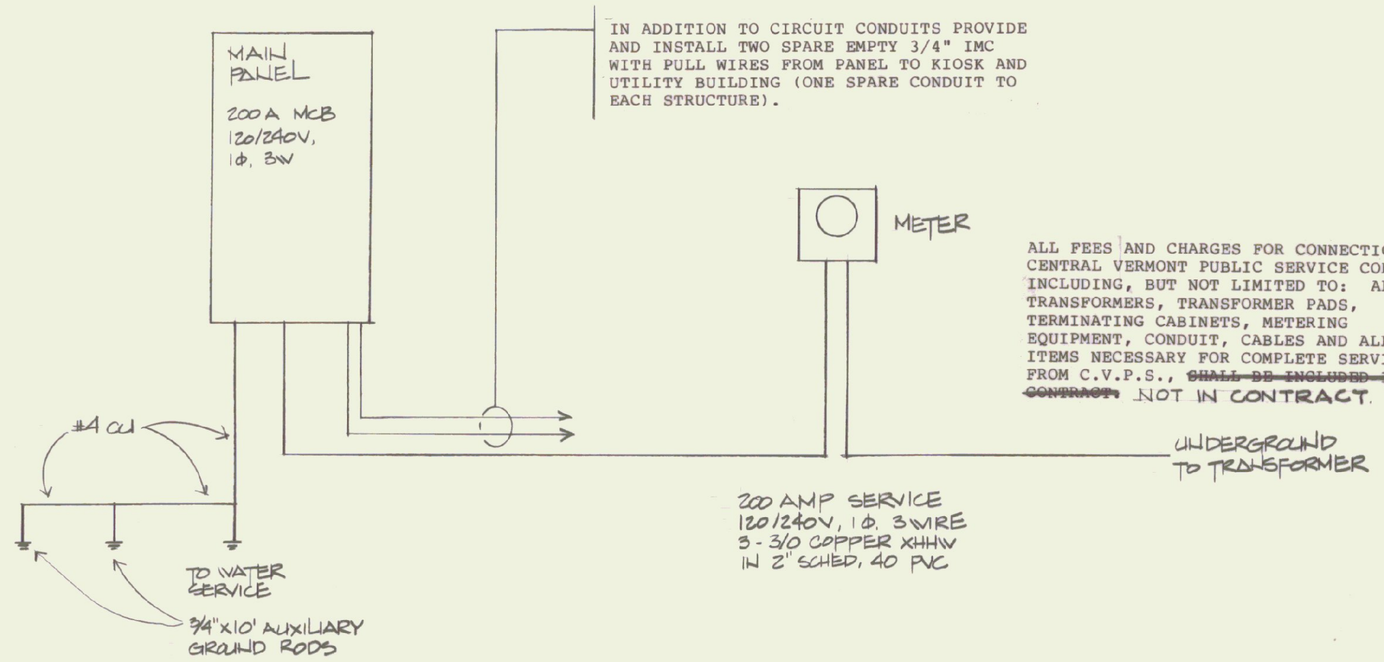
# ELECTRICAL LEGEND:

| | |
|---|---|
| A | FLUORESCENT LIGHT FIXTURE---UPPER CASE LETTER DENOTES TYPE, LOWER CASE LETTER DENOTES SWITCH |
| E/a | FLUORESCENT OR HID CEILING FIXTURE---UPPER CASE LETTER DENOTES TYPE, LOWER CASE LETTER DENOTES SWITCH |
| HN | HID WALL MOUNTED FIXTURE---LETTER DENOTES TYPE---SEE SCHEDULE |
| EX | WALL (BACK) MOUNTED EXIT LIGHT---SEE SCHEDULE |
| $_{1a} | SINGLE POLE SWITCH---MOUNTED 48"AFF---LETTER DENOTES FIXTURES TO BE SWITCHED |
| $_3 | THREE WAY SWITCH---MOUNTED 48"AFF |
| $_D | DIMMER SWITCH---MOUNTED 48"AFF |
| $_V | VARIABLE SPEED FAN SWITCH---MOUNTED 48"AFF |
| | SINGLE RECEPTACLE---MOUNTED BELOW COUNTER |
| | DUPLEX RECEPTACLE---MOUNTED 16"AFF TO TOP |
| | DUPLEX RECEPTACLE---MOUNTED ABOVE COUNTER TOP---VERIFY EXACT MOUNTING HEIGHT WITH ARCHITECT |
| WP | WEATHERPROOF (NEMA 3R) DUPLEX RECEPTACLE---MOUNT 36"AFG |
| GC | GROUND FAULT CIRCUIT INTERRUPTER (GFCI) RECEPTACLE---MOUNTED ABOVE COUNTER TOP---VERIFY EXACT MOUNTING HEIGHT WITH ARCHITECT |
| | GROUND FAULT CIRCUIT INTERRUPTER (GFCI) RECEPTACLE---MOUNTED 16"AFF TO TOP |
| J | JUNCTION BOX MOUNTED BELOW COUNTER TOP |
| AFF | AFF DENOTES ABOVE FINISHED FLOOR |
| AFG | AFG DENOTES ABOVE FINISHED GRADE |
| | FIRE ALARM PANEL--MOUNTED 5'0"AFF TO TOP |
| | FIRE ALARM MANUAL PULL STATION--MOUNTED 48"AFF TO TOP |
| | FIRE ALARM HORN AND STROBE LIGHT COMBINATION--MOUNTED 6'0"AFF TO CENTERLINE |
| | FIRE ALARM "MINI-HORN" AND STROBE LIGHT COMBINATION---MOUNTED 7'0"AFF TO CENTERLINE |
| F | 200 DEGREE RATE-OF-RISE/FIXED TEMPERATURE HEAT DETECTOR |
| | 135 DEGREE RATE-OF-RISE/FIXED TEMPERATURE HEAT DETECTOR |
| 30 | DISCONNECT SWITCH---NUMBER DENOTES AMPERAGE |
| 10 | FUSED DISCONNECT SWITCH---NUMBER DENOTES AMPERAGE OF DUAL ELEMENT TIME DELAY FUSES |
| | MOTOR STARTER WITH APPROPRIATE HEATERS---PROVIDED AND INSTALLED BY MECHANICAL OR GENERAL CONTRACTOR, WIRED BY ELECTRICAL CONTRACTOR |
| | MOTOR SENTINEL SWITCH---PROVIDED BY GENERAL OR MECHANICAL CONTRACTOR, WIRED BY ELECTRICAL CONTRACTOR |
| 1/2 | MOTOR---NUMBER DENOTES HORSEPOWER---PROVIDED AND INSTALLED BY GENERAL OR MECHANICAL CONTRACTOR, WIRED BY ELECTRICAL CONTRACTOR |
| EF | EXHAUST FAN---PROVIDED AND INSTALLED BY MECHANICAL CONTRACTOR, WIRED BY ELECTRICAL CONTRACTOR |
| AHU | AIR HANDLING UNIT---PROVIDED AND INSTALLED BY MECHANICAL CONTRACTOR, WIRED BY ELECTRICAL CONTRACTOR |
| HEX | MECHANICAL HEAT EXCHANGER UNIT---PROVIDED AND INSTALLED BY MECHANICAL CONTRACTOR, WIRED BY ELECTRICAL CONTRACTOR |
| M | MOTOR OPERATED DAMPER---PROVIDED AND INSTALLED BY MECHANICAL CONTRACTOR, WIRED BY ELECTRICAL CONTRACTOR |
| | WATER COOLER---PROVIDED AND INSTALLED BY MECHANICAL CONTRACTOR, WIRED BY ELECTRICAL CONTRACTOR |
| B | OIL BURNER---PROVIDED AND INSTALLED BY MECHANICAL CONTRACTOR, WIRED BY ELECTRICAL CONTRACTOR |
| FM | FIREMATIC SWITCH |
| $_E | OIL BURNER EMERGENCY SHUT-OFF SWITCH---RED ENGRAVED COVERPLATE---MOUNT 5'0"AFF |
| | DISTRIBUTION PANEL---MOUNT 6'0"AFF TO TOP BREAKER |
| 2-1", 1/2" TRADE | HOMERUN ARROW---NUMBERS DENOTE CIRCUIT NUMBER, WIRE AND CONDUIT SIZES |
| TBB | TELEPHONE SERVICE BACKBOARD AND CABINET---CABINET PROVIDED AND INSTALLED BY TELEPHONE EQUIPMENT SUPPLIER |

# PANEL SCHEDULE

MAIN PANEL
VOLTAGE: 120/240 PEASE: 1 WIRE: 3 AMPS: 200 MCB BUS: 225 CIRCUITS: 42
MOUNT: FLUSH HEIGHT: TOP 6'0" AFF ENCLOSURE: NEMA 1 BREAKERS: 10,000 AIC

| CCT | BREAKER | SERVES | CCT | BREAKER | SERVES |
|---|---|---|---|---|---|
| 1 | 20A-1P | UTILITY BLDG. LIGHTS & RECEPTS. | 2 | 20A-2P | HOT PLATE |
| 3 | 20A-1P | EXTERIOR KIOSK & BLDG. LIGHTS | | | |
| 5 | 20A-1P | STORAGE, MECH.RM, BATH LIGHTS | 4 | 20A-2P | AIR HANDLER FAN (3/4HP) |
| 7 | 20A-1P | WORK RM, MECH.RM, BATH LIGHTS | | | |
| 9 | 20A-1P | LOBBY, ENTRY LIGHTS | 6 | 20A-2P | EXISTING SITE POLE LIGHTS |
| 11 | 20A-1P | TOURS & DETOURS LIGHTS | | | |
| 13 | 20A-1P | TRACK LIGHT | 8 | 15A-1P | HEATING PUMP (1/3HP) |
| 15 | 20A-1P | TRACK LIGHT | 10 | 15A-1P | BOILER BURNER |
| 17 | 20A-1P | DISPLAY CASE LIGHTS | 12 | 15A-1P | EXHAUST FAN |
| 19 | 20A-1P | INTERIOR KIOSK LIGHTS | 14 | 15A-1P | DHW PUMP (1/12HP) |
| 21 | 20A-1P | ATTIC LIGHTS & RECEPTACLES | 16 | 15A-1P | HEX FAN (1/6HP) |
| 23 | 20A-1P | VENDING MACHINE | 18 | 15A-1P | HEX FAN (1/6HP) |
| 25 | 20A-1P | VENDING MACHINE | 20 | 15A-1P | HEX FAN (1/6HP) |
| 27 | 20A-1P | LOBBY RECEPTACLE | 22 | 15A-1P | HEX FAN (1/6HP) |
| 29 | 20A-1P | LOBBY RECEPTACLE | 24 | 15A-1P | MOTOR OPERATED DAMPER |
| 31 | 20A-1P | APPLIANCE CIRCUIT | 26 | 20A-1P | SECURITY GATE MOTOR (1/2HP) |
| 33 | 20A-1P | APPLIANCE CIRCUIT | 28 | 20A-1P | GENERAL RECEPTACLES |
| 35 | 20A-1P | MICROWAVE | 30 | 20A-1P | GENERAL RECEPTACLES |
| 37 | 20A-1P | WATER COOLER | 32 | 20A-1P | FIRE ALARM PANEL |
| 39 | 15A-1P | OIL TRANSFER PUMP (1/6 HP) | 34 | 20A-1P | TELEPHONE EQUIPMENT |
| | 20A-1P | SPARE | | 20A-1P | SPARE |




# ELECTRICAL SERVICE ENTRANCE

NOT TO SCALE

STATE OF VERMONT RICK VALLENCOURT No. 3322 REGISTERED PROFESSIONAL ENGINEER


ARCHITECT: THOMAS B. LEYTHAM, 50 STATE STREET MONTPELIER, VERMONT 05602, 802 229 0430
MECHANICAL/ELECTRICAL: AVENGCO, 83 S. MAIN STREET WATERBURY, VERMONT 05676, 802 244 8802
LANDSCAPE: THE CAVENDISH PARTNERSHIP, BOX 466 CAVENDISH, VERMONT 05142, 802 226 7220
STRUCTURAL: CHENETTE ENGINEERING, 50 STATE STREET MONTPELIER, VERMONT 05602, 802 229 1442
GRAPHIC SYSTEMS: HUSTON & CO., BOX 1034 BURLINGTON, VERMONT 05401, 802 864 5928


ELECTRICAL LEGEND, SCHEDULES

STATE OF VERMONT
DEPARTMENT OF STATE BUILDINGS
AGENCY OF ADMINISTRATION
MONTPELIER. VERMONT

BRADFORD I-91 NORTHBOUND REST AREA REHABILITATION

drawing number: E2
date: 24 SEPT, 1993
SHEET 19 OF 24