LIGHTING FIXTURE SCHEDULE

KEY	LAMPS NO	LAMPS TYPE	DESCRIPTION	MOUNTING HEIGHT	MANUF. NO. NOTE REF. (SEE NOTES 1-8)
A/70	1	50 WATT HPS	EXTERIOR FIXTURE, 120V., WALL MTD., U.L. LISTED FOR WET LOCATIONS.	WALL MTD. AS SHOWN ON ARCH. ELEVATIONS.	HUBBELL #NRG-301
B/50	2	F17T8/ SPX/35	2' CONTEMPORARY WALL BRACKET, UP-DOWN LIGHT GASKETED BACK PLATE, ONE PIECE ALUM. HOUSING. BRUSHED FINISH.	SURFACE, WALL MTD., BOTTOM OF FIXTURE FLUSH W/TOP OF MIRROR.	LITHONIA #W 217-120
C/60	1 AND 1	32 WATT AND 22 WATT CIRCLINE	ROUND FIXTURE WITH WHITE CONTOURED ACRYLIC LENS, 16" DIAMETER.	SURFACE, CEILING.	PROGRESS #P7308-60
D/100	2	F32T8/ SPX35	WALL MTD. VANITY FIXTURE, 120V., WHITE ACRYLIC DIFFUSER.	SURFACE, WALL MTD. ABOVE MIRROR.	PROGRESS #P7116-60ES.
E/60	2	26 WATT TWIN TUBE	8" ROUND DOWNLIGHT, HPF, CLEAR ALZAK REFLECTOR, 120V.	RECESSED, CEILING.	MARCO #0449/HPF/ 261/1-498
F/60	2	26 WATT TWIN TUBE	8" ROUND WALLWASHER, HPF, CLEAR ALZAK REFLECTOR, 120V.	RECESSED, CEILING.	MARCO #0449/HPF/ 261/1-495
G/200	4	F32T8/ SPX35	16" X 49" FLUOR., WHITE ACRYLIC DIFFUSER, OAK TRIM, 120V.	SURFACE, CEILING.	PROGRESS #P7264-35ES.
H/100	1	A12 100 W	10" SQUARE LENSED DOWNLIGHT, FLAT DIFFUSER, 120V.	RECESSED, CEILING.	LITHONIA #LA 11RW T73
I/410	7	(6) CA-10-40W & (1) R20-50W.	CONTOURED WOOD OCTAGON W/CLEAR BEVELED GLASS, POLISHED BRASS ARMS, TRUMPET DOWNLIGHT.	PENDANT MTD. CHAIN TO 6'-6" A.F.F.	PROGRESS #P5082-68.
J/100	2	F32T8/ SPX35	LOW PROFILE WRAPAROUND, ACRYLIC PRISMATIC DIFFUSER, WHITE ENAMEL ENDPLATES, NARROW BODY (10" W/ 48"H X 3"D).	SURFACE, CEILING.	LITHONIA #LB 232 A 120 GEB.
K/30	2	13 W. QUAD TUBE	6" ROUND DOWNLIGHT W/OPAL SHOWER LIGHT, U.L. LISTED FOR DAMP LOCATION, HPF, 120V.	RECESSED, CEILING.	CAPRI #6213/120 -R1-R12
L/200	4	F32T8/ SPX35	LOW PROFILE WRAPAROUND, WIDE BODY, ACRYLIC PRISMATIC DIFFUSER, WHITE ENAMEL ENDPLATES.	SURFACE, CEILING.	LITHONIA #LB 432 A 120 GEB.
M/90	1	70HPS	SIMILAR TO TYPE A EXCEPT 70W HPS	WALL MTD.	HUBBELL
N/200	1	150 W. HPS	SQUARE FIXTURE, POLE MOUNTED FIXTURE, TYPE 3 DISTRIBUTION RAIN TIGHT, CORROSION RESISTANT.	POLE MTD. 20'-0" POLE ON 4' BASE	GARDCO EH1413-150HPS BRA-LF-208
O/150	3	F32T8/ SPX35 M	2' X 4' PARABOLIC FLUORESCENT, 18-CELL 4" DEEP LOUVER.	RECESSED, CEILING.	LITHONIA #2PM4 G B 332 18 120 GEB.
P/100	2	F32T8/ SPX35 M	2' X 4' PARABOLIC FLUORESCENT, 18-CELL , 4" DEEP LOUVER.	RECESSED, CEILING.	LITHONIA #2PM4 G B 232 18 120 GEB.
Q/150	3	F32T8/ SPX35 M	2' X 4' SPECIFICATION FLUORESCENT TROFFER, 0.125 THICK ACRYLIC PRISMATIC LENS.	RECESSED, CEILING.	LITHONIA #2SP G 332 A12. 125 120 GEB.
R/100	6	13 WATT TWIN TUBE	24" DIA. 1/2 SPHERE PENDANT. WITH POLISHED BRASS TRIM. HIGH POWER FACTOR BALLAST.	PENDANT MTD. 9'-0" A.F.F.	VISA #CP3070-6F13-120.
S/20	2	7 WATT TWIN TUBE	9" DIA. DRUM, WHITE ACRYLIC DIFFUSER, HIGH POWER FACTOR BALLAST.	SURFACE, CEILING MTD.	PROGRESS #P7375-30 120V.
T/50	2	F17T8 SPX35	28" FIXTURE WITH WHITE ACRYLIC DIFFUSER AND HIGH POWER FACTOR BALLAST.	WALL MTD, ABOVE MIRROR.	PROGRESS #P7114-60
U/90	1	70 WATT HPS	12" SQUARE, FLAT DIFFUSER DOWNLIGHT WITH WEATHERPROOF GASKETING, HPF 120V. BALLAST	RECESSED, CEILING IN SOFFIT	LITHONIA #LAH 70S 12FW T73
V/100	2	F32T8 SPX35	INDUSTRIAL WITH 20% UPLIGHT FLUORESCENT	SURFACE MOUNTED	LITHONIA #AF232-P0-12-ES
W/60	1	A-19 BLUE	WALL MOUNTED INCANDESCENT WITH WITH BLUE LAMP	WALL MOUNTED	HUBBELL #NRG-160
EX/5		PROVIDED WITH FIXTURE	12'L X 8"H. EXIT WITH EMBEDDED LED PANEL AND BATTERY BACKUP	SURFACE, AS NOTED.	LITHONIA #EL-S-BZ-1-R-120 ELN
XA/15		PROVIDED WITH FIXTURE	TWIN HEAD CYLINDER UNIT, COMPLETELY SELF-CONTAINED, MULTI-DIRECTIONAL SWIVEL LIGHTING HEAD. WITH BATTERY BACKUP.	MOUNT UP 7'-6", U.O.N.	DUAL-LITE #ESC2-0.

NOTES:

1. VERIFY CEILING TYPES THROUGHOUT. PROVIDE ALL ACCESSORIES, TRIM, FLANGES, OUTLET BOXES, ETC. FOR COMPLETE & FINISHED INSTALLATION.
2. PROVIDE FLUORESCENT ENERGY CONSERVING ELECTRONIC BALLASTS IN COMBINATION WITH 4' LONG ENERGY CONSERVING LAMPS THROUGHOUT, U.O.N. SEE SPECIFICATIONS.
3. PROVIDE ALL FIXTURES WITH LABEL SUITABLE FOR APPLICATION PER N.E.C.
4. PROVIDE 3-LAMP FLUORESCENT FIXTURES WITH OUTBOARD LAMPS ON ONE 2-LAMP BALLAST AND CENTER LAMP ON SEPARATE 1-LAMP BALLAST FOR MULTILEVEL SWITCHING UNLESS OTHERWISE NOTED.
5. MANUFACTURER'S LISTED ARE TO ESTABLISH A LEVEL OF QUALITY AND TYPE EQUIPMENT. SIMILAR EQUIPMENT MAY BE SUBMITTED FOR APPROVAL IF EQUAL.
6. ALL LIGHTING FIXTURES SHALL BE SUITED FOR CONNECTION TO 120 VOLT CIRCUITS, U.O.N.
7. ALL MOUNTING HEIGHTS SPECIFIED ARE TO CENTER LINE OF UNIT, U.O.N.
8. PROVIDE ALIGNMENT CLIPS FOR CONNECTION OF CONTINUOUS ROW MOUNTING OF LIGHTING FIXTURES.

ELECTRICAL SYMBOL LEGEND

- (1) NOTE KEY – INDICATES NOTES APPLICABLE ON EACH SHEET.
- A/150 LIGHTING FIXTURE TYPE – SEE LIGHTING FIXTURE SCHEDULE.
- $ $2 $3 SWITCHES UP 4'-0", U.O.N.: SPST;DPST; THREE-WAY.
- $1 MANUAL MOTOR SWITCH WITH THERMAL OVERLOAD(S)
- K AS SUBSCRIPT NEAR SWITCH INDICATES KEY TYPE.
- P AS SUBSCRIPT NEAR SWITCH OR OTHER DEVICE INDICATES WITH ADJACENT PILOT LIGHT. CONNECT SO PILOT LIGHT IS ILLUMINATED WHEN LOAD IS "ON".
- M AS SUBSCRIPT NEAR SWITCH INDICATES SPDT SPRING RETURN TO CENTER OFF MOMENTARY SWITCH.
- a LOWER CASE SUPERSCRIPT INDICATES PHASE OR SWITCH CONNECTION WHERE MULTIPLE PHASE OR SWITCHING CONNECTIONS ARE MADE.
- $D DIMMER SWITCH MOUNTED UP 4'-0", U.O.N.
- 2' X 4' RECESSED OR SURFACE CEILING MOUNTED FLUORESCENT FIXTURE – SEE LIGHTING FIXTURE SCHEDULE.
- 1' X 4' RECESSED OR SURFACE CEILING MOUNTED FLUORESCENT FIXTURE – SEE LIGHTING FIXTURE SCHEDULE.
- WALL MOUNTED FLUORESCENT FIXTURE – SEE LIGHTING FIXTURE SCHEDULE.
- EMERGENCY EXIT LIGHTING UNIT WITH ARROWS WHERE SHOWN: WALL MOUNTED – SEE LIGHTING FIXTURE SCHEDULE.
- BATTERY-OPERATED EMERGENCY LIGHTING UNIT – SEE LIGHTING FIXTURE SCHEDULE.
- RECESSED COMPACT FLUORESCENT FIXTURE. SEE LIGHTING FIXTURE SCHEDULE. "—" DIRECTIONAL WALL WASH UNIT.
- SURFACE MOUNTED COMPACT FLUORESCENT OR HID FIXTURE. SEE LIGHTING FIXTURE SCHEDULE.
- WALL MOUNTED HID OR FLUORESCENT FIXTURE. SEE LIGHTING FIXTURE SCHEDULE.
- DUPLEX RECEPTACLE UP 18" (UP 6" ABOVE COUNTERS), U.O.N.
- SPECIAL RECEPTACLE OF AMP, VOLTAGE RATING AND PHASE AS NOTED, UP 18", U.O.N.
- DOUBLE DUPLEX RECEPTACLE, UP 18", U.O.N.
- $G DUPLEX GROUND FAULT INTERRUPTER 20A RECEPTACLE, MT 6" ABOVE COUNTER U.O.N.
- $S SHUTTERED TYPE, CHILD PROTECTIVE DUPLEX RECEPTACLE UP 18" (UP 44" AT COUNTERS), U.O.N.
- HEADBOLT HEATER POST W/BREAKERS AND GFI RECEPTACLES. SEE 7/E6.3
- J FLUSH MOUNTED JUNCTION BOX IN CEILING OR WALL AS NOTED.
- DRYER OUTLET, 250 VOLT. 30A.
- MOTOR – H.P., VOLTAGE & PHASE AS NOTED.
- HEAVY DUTY DISCONNECT, H.P. RATED WHEN USED IN MOTOR CIRCUITS, OTHERWISE AMPERE RATING MUST MATCH CIRCUIT RATING.
- MOTOR CONTROLLER, H.P. RATED FULL VOLTAGE NON-REVERSIBLE, U.O.N.
- DOOR BELL CHIME MOUNTED UP 7'-0", U.O.N.
- R RELAY.
- TELEPHONE OUTLET ROUGH-IN UP 18", U.O.N.
- W WALL MOUNTED TELEPHONE OUTLET ROUGH-IN UP 48", U.O.N.
- H FIRE ALARM COMBINATION HORN/VISUAL INDICATOR STATIONS FLUSH MOUNTED; NO PROJECTION UP 8'-0", U.O.N.
- H WP WEATHERPROOF FIRE ALARM HORN (NO VISUAL INDICATOR) UP 14'-0", U.O.N.
- F MANUAL PULL STATION UP 4'-0", U.O.N.
- FS FIRE ALARM VISUAL INDICATOR STATION ONLY, FLUSH MOUNTED, UP 8'-0" U.O.N.
- TS FIRE ALARM TAMPER SWITCH CONNECTION.
- FS FIRE ALARM FLOW SWITCH CONNECTION.
- SD PRODUCTS OF COMBUSTION DETECTOR, DUCT MOUNTED, "SD" INDICATES CONTROLS ADJACENT SMOKE DAMPER, U.O.N.
- H H F135° HEAT DETECTOR CEILING MOUNTED – FIXED TEMP. AND RATE-OF-RISE, U.O.N.; F=FIXED TEMP. ONLY WITH NOMINAL DEGREE RATING AS INDICATED.
- PRODUCTS OF COMBUSTION DETECTOR CEILING MOUNTED, U.O.N.
- FAC EXISTING FIRE ALARM CONTROL PANEL, SURFACE MOUNTED TO BE MODIFIED.
- FAA EXISTING REMOTE FIRE ALARM ANNUNCIATOR, FLUSH MOUNTED TO BE MODIFIED.
- PANELBOARD: SURFACE MOUNTED; FLUSH MOUNTED.
- COMBINATION METER/MAIN BREAKER NEMA 3R ENCLOSURE
- MULTI-SECTION DISTRIBUTION SWITCHBOARD.
- T SITE DISTRIBUTION TRANSFORMER, PAD MOUNTED
- P UTILITY SERVICE PEDESTAL CLUSTER INCLUDING SECONDARY POWER, TELEPHONE AND CABLE TELEVISION, U.O.N..
- ARCHITECTURAL SITE LIGHTING FIXTURE, SEE LIGHTING FIXTURE SCHEDULE
- NM CABLE RUN CONCEALED IN WALLS FLOORS OR CEILING SPACE.
- FLEXIBLE CONDUIT.
- CONDUIT EXPOSED (NOTE A BELOW).
- CONDUIT BELOW SLAB OR GRADE (NOTE A BELOW).
- S SITE DISTRIBUTION CONDUIT(S) BELOW GRADE (NOTE A BELOW). P=PRIMARY POWER CONDUIT WITH WIRING; S=SECONDARY POWER CONDUIT WITH WIRING; T=TELEPHONE CONDUIT ROUGH-IN; TV=CABLE TELEVISION CONDUIT ROUGH-IN ONLY. WHERE DESIGNATIONS ARE GROUPED (S/T/TV), CONDUITS AND WIRING INSTALLED IN COMMON TRENCH.
- CONDUIT CONCEALED IN WALLS OR CEILING SPACE (NOTE A BELOW).
- A-2,4 INDICATES HOME-RUN (NUMBER OF ARROWS=NUMBER OF CIRCUITS), (NOTE B BELOW).
- TTB TO TELEPHONE TERMINAL BOARD (1" E.C. MINIMUM WITH PULL WIRE).
- TVTB TO CABLE T.V. TERMINAL BOARD (1"C. W/COAXIAL CABLE, U.O.N.)
- IMC TO COMPUTER TERMINAL CABINET (1" E.C. MINIMUM WITH PULL WIRE).
- TVC TO T.V. CABINET (1"C. W/COAXIAL CABLE, U.O.N.)

NOTES:

GENERAL: ALL BRANCH CIRCUITS 2#12, 1/2" C. TO 20A., 1P. CIRCUIT BREAKER, U.O.N., E.G., A-30 (4#8,3/4" C. TO 40/3) INDICATES CIRCUIT NUMBER 30 IN PANEL "A" FEEDS TO EQUIPMENT FROM A 40A., 3P. CIRCUIT BREAKER WITH 4#8 AWG WIRES RUN IN 3/4" DIAMETER CONDUIT.

A. NUMBER OF WIRES (IF OTHER THAN TWO) INDICATED BY NUMBER OF SLASHES (= TWO "HOT" WIRES AND ONE NEUTRAL WIRE).

B. HOME-RUN DESIGNATION: "A"=PANELBOARD NOTATION, "-2,4"=CIRCUIT NUMBERS.

REV NO.	RECORD DATE / DESIGN DATE	PRINTED NAME / PRINTED NAME	DRAWN BY / CHECKED BY	DESCRIPTION
		JODI SORDAHL		HOUSING REPLACEMENT PROGRAM J.O. #20039

FPE Roen ENGINEERS

STATE OF ALASKA 49TH Robert D. Poeme EX 7790 REGISTERED PROFESSIONAL ENGINEER

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
ALASKAN REGION – ANCHORAGE, ALASKA

ELECTRICAL SYMBOL LEGEND AND LIGHTING FIXTURE SCHEDULE

SUBMITTED BY: JODI SORDAHL, PROJECT ENGINEER, AAL-451

APPROVED BY: JERALD MARSHALL, SUPERVISOR, ENVIRONMENTAL SECTION, AAL-451

DESIGNED BY: RJH; DRAWN BY: 9-24-94; REVIEWED BY: MAP

ISSUED BY: AIRWAY FACILITIES DIVISION

DATE: 12/30/94 | SCALE: NTS | SA-AFS

DRAWING NUMBER: ALD-K9M-???.???X | SHEET: E11