

**LIGHT FIXTURE SCHEDULE**

TYPE	LAMPS	MOUNTING	DESCRIPTION	REMARKS
(11)	2-F0327B, RS 3500K 85 CRI	CEILING RECESSED	2'x4' FLUORESCENT, PRISMATIC ACRYLIC LENS, 0.125" THICK MIN. STEEL HOUSING, 277V HPF ELECTRONIC BALLAST. COLUMBIA# 4PS-24-232G-FS-A12.125-E8B-277V	
(12)	3-F0327B, RS 3500K 85 CRI	CEILING RECESSED	2'x2' FLUORESCENT, 3" DEEP PARABOLIC LOUVER, 9 CELLS, SEMI-SPECULAR LOW IRRIDESCENT LOUVERS. 277V HPF ELECTRONIC BALLAST. COLUMBIA# P4-22-331U1G-LD33-S-E8B-277V	PROVIDE TWO BALLASTS FOR B1-LEVEL SWITCHING WHERE INDICATED
(13)	3-F0327B, RS 3500K 85 CRI	CEILING RECESSED	2'x4' FLUORESCENT, 3" DEEP PARABOLIC LOUVER, 18 CELLS, SEMI-SPECULAR LOW IRRIDESCENT LOUVERS. 277V HPF ELECTRONIC BALLAST. COLUMBIA# P4-24-332G-LD36-S-E8B-277V	PROVIDE TWO BALLASTS FOR B1-LEVEL SWITCHING WHERE INDICATED
(14)	3-F0317B, RS U-LAMP, 1-5/8" LEG SPACING 3500K 85 CRI	CEILING RECESSED	2'x2' FLUORESCENT, 3" DEEP PARABOLIC LOUVER, 9 CELLS, SEMI-SPECULAR LOW IRRIDESCENT LOUVERS. 277V HPF ELECTRONIC BALLAST. COLUMBIA# P4-22-331U1G-LD33-S-E8B-277V	PROVIDE TWO BALLASTS FOR B1-LEVEL SWITCHING WHERE REQUIRED
(15)	2-F0327B, RS 3500K 85 CRI	WALL MTD. ABOVE MIRROR UNLESS NOTED.	FLUORESCENT, 2'x1, 3'x1 OR 4'x1 AS INDICATED, CLEAR ACRYLIC DIFFUSER, ALUMINUM HOUSING. 277V HPF ELECTRONIC BALLAST. PRUDENTIAL# P-1222-SERIES-AL	WHERE STEW MTD, PROVIDE WITH STEMS, ALIGNER CANOPY AND REQUIRED MOUNTING HARDWARE
(16)	2-F0327B, RS 3500K 85 CRI	CEILING SURFACE UNMOUNTED UNLESS NOTED	FLUORESCENT, 4'x1 ACRYLIC DIFFUSER. 277V HPF ELECTRONIC BALLAST. PRUDENTIAL #P-1602-48CIE-PRA-277V	
(17)	2-F0327B, RS 3500K 85 CRI	CEILING SURFACE MOUNTED UNLESS NOTED	FLUORESCENT, 4'x1 STRIP LIGHT, PROVIDE WITH WIRE GUARD. PROVIDE WITH STEMS, ALIGNER CANOPY AND REQUIRED MOUNTING HARDWARE WHERE REQUIRED. 277V HPF ELECTRONIC BALLAST. COLUMBIA# CS4-232-E8B-277-CSWG4	
(18)	2-F0327B, RS 3500K 85 CRI	CEILING STEM MOUNTED	FLUORESCENT, 4'x1 INDUSTRIAL STRIP LIGHT, 10X UPLIGHT, ALUMINUM HOUSING PORCELAIN ENAMEL REFLECTOR. PROVIDE WITH STEMS, ALIGNER CANOPY AND REQUIRED MOUNTING HARDWARE. 277V HPF ELECTRONIC BALLAST. PRUDENTIAL# P-202-48CIE-SR10-277-PAL	PAINTED AFTER FABRICATION
(19)	1-32W PLT 3500K 82 CRI	CEILING RECESSED	COMPACT FLUORESCENT, SHOWER LIGHT, 6" DIA. CLEAR PRISMATIC LENS, 277V HPF ELECTRONIC BALLAST. UL LISTED FOR SHOWER LOCATIONS. PRESCOLITE# T1.3 (FIXTURE), #TBX (HOUSING)	
(20)	3-F0327B 3500K 85 CRI	CEILING RECESSED	SIMILAR TO TYPE "T1" EXCEPT 3 LAMPS. COLUMBIA# 4PS-24-332G-FS-A12.125-E8B-277V	
(21)	1-18W QUAD TUBE 3500K 85 CRI	CEILING SURFACE MOUNTED	COMPACT FLUORESCENT, GLASS GLOBE WITH GUARD. 277V HPF ELECTRONIC BALLAST. CANLET# GFW18H2D-GHC	
(22)	3-F0327B, RS 3500K 85 CRI	CEILING RECESSED	2'x4' FLUORESCENT, PRISMATIC ACRYLIC LENS, 0.125" THICK MIN. ALUMINUM HOUSING, 277V HPF ELECTRONIC BALLAST. COLUMBIA# 4PS-24-332F-FA-A12.125-E8B-277V-PAF	PAINTED AFTER FABRICATION
(23)	3-F0327B, RS 3500K 85 CRI	CEILING RECESSED	SIMILAR TO TYPE "T12" EXCEPT 3 LAMPS AND STEEL HOUSING. COLUMBIA# 4PS-24-332F-FS-A12.125-E8B-277V	
(24)	4-F0327B, RS 3500K 85 CRI	CEILING SURFACE MOUNTED	SIMILAR TO TYPE "T6" EXCEPT 4 LAMPS. PRUDENTIAL# P-1604-48CIE-PRA-277V	
(25)	2-F0327B, RS 3500K 85 CRI	WALL MOUNTED +7'-6" AFF	SIMILAR TO TYPE "T5" EXCEPT PRISMATIC ACRYLIC DIFFUSER. PRUDENTIAL# P-1222-48CIE-PRA-277V	
(26)	3-F0327B, RS 3500K 85 CRI	CEILING STEM MOUNTED	SIMILAR TO TYPE "T8" EXCEPT 3 LAMPS. PRUDENTIAL# P-203-48CIE-SR10-277V-PAL	PAINTED AFTER FABRICATION
(27)	4-F0327B, RS 3500K 85 CRI	CEILING STEM MOUNTED	SIMILAR TO TYPE "T8" EXCEPT 4 LAMPS. PRUDENTIAL# P-204-CIE-SR10-277V-PAL	PAINTED AFTER FABRICATION
(28)	1-32W PLT 3500K 82 CRI	CEILING RECESSED	COMPACT FLUORESCENT DOWNLIGHT, 7-1/2" DIA. APERTURE, SELF-FLANGED REFLECTOR. HORIZONTAL LAMPING. 277V HPF ELECTRONIC BALLAST. KIRLBY# RR80763-31-58	
(29)	1-18W QUAD TUBE 3500K 85 CRI	WALL MOUNTED +7'-6" AFF	SIMILAR TO TYPE "T11" EXCEPT WALL MOUNTED. CANLET# GFW18H2D-GHC	
(30)	1-18W QUAD TUBE 3500K, 82 CRI	CEILING SURFACE	SIMILAR TO TYPE "T7" EXCEPT 1 LAMP.	
(31)	3-F0327B, RS 3500K 85 CRI	CEILING RECESSED	SIMILAR TO TYPE "T3" EXCEPT FLANGE MOUNTED TYPE TRIM. COLUMBIA# P4-24-332F-LD36-S-E8B-277V	
(32)	4-F0327B, RS 3500K 85 CRI	CEILING STEM MOUNTED	FLUORESCENT, 8'x1 ENCLOSED AND GASKETED FIBERGLASS INDUSTRIAL STRIP LIGHT, ONE PIECE IMPACT RESISTANT ACRYLIC DIFFUSER. 277V ELECTRONIC BALLAST. COLUMBIA# LUN8-232-4E8B277-SSL-HUBK	
(33)	2-F0327B, RS 3500K 85 CRI	CEILING STEM MOUNTED	SIMILAR TO TYPE "T22" EXCEPT 4'L. COLUMBIA# LUN4-232-E8B277-SSL-HUBK	
(34)	2-F0327B, RS 3500K 85 CRI	CEILING STEM MOUNTED	SIMILAR TO TYPE "T3" EXCEPT 2 LAMPS. COLUMBIA# P4-24-232G-LD36-S-E8B-277V	
(35)	1-F0327B, RS 3500K 85 CRI	CEILING SURFACE MTD UNLESS NOTED	SIMILAR TO TYPE "T7" EXCEPT 1 LAMP. COLUMBIA# CS4-132-E8B-277-CSWG4	
(36)	3-F0317B, RS U-LAMP, 1-5/8" LEG SPACING 3500K 85 CRI	CEILING RECESSED	2'x2' FLUORESCENT, PRISMATIC ACRYLIC LENS, 0.125" THICK MIN. STEEL HOUSING 277V HPF ELECTRONIC BALLAST. COLUMBIA# 4PS-22-331U1G-PSA12.125-E8B-277	

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(37)	2-F0327B, RS 3500K 85 CRI	CEILING STEM MTD	FLUORESCENT, 4'x1, EXPLOSIONPROOF, SUITABLE FOR USE IN NEC CLASS I DIVISION 1 HAZARDOUS LOCATIONS. FACTORY SEALED. 277V HPF ELECTRONIC BALLAST. APPLETON #ARS232-277S0	
(38)	3-F0327B, RS 3500K 85 CRI	CEILING SURFACE	SIMILAR TO TYPE "T6" EXCEPT WITH 3-LAMPS PRUDENTIAL #P-1603-48CIE-PRA-277V	
(39)	2-F0327B, RS 3500K 85 CRI	CEILING SURFACE MTD	FLUORESCENT 4'x1, DUST-TIGHT, 0.150" THICK CLEAR ACRYLIC LENS, ENCLOSED AND GASKETED. RATED FOR USE IN A NEC CLASS III HAZARDOUS LOCATION. 277V HPF ELECTRONIC BALLAST PARAMOUNT #HC4-2-32-H2-277V/80HZ	
(40)	2-500W QUARTZ FLOODLIGHT	POLE TOP MOUNTED	QUARTZ FLOOD LIGHT, COPPER-FREE, ALUMINUM HOUSING, TEMPERED GLASS LENS, POWDER COAT FINISH. PHOENIX# MS 500Q	
(41)	2-116W FWF	ROOF MOUNTED	OBSTRUCTION LIGHT, (2) RED FRESNEL GLASS GLOBES, CAST ALUMINUM HOUSING WITH THREADED HUB. PROVIDE WITH ALL REQUIRED MOUNTING HARDWARE. 120V. HUBBELL #BYMB-36002-A10-7AP53R	
(42)	2-7.2W FWF	WALL MOUNTED +7'-6" AFF	EMERGENCY LIGHT FIXTURE, MAINTENANCE FREE BATTERY. PROVIDE WITH TEST SWITCH AND INDICATOR LIGHT. 120/277V. PRESCOLITE# EDP2	
(43)	2-1000W HPS + 2-1000W QUARTZ FLOODLIGHTS	POLE TOP MOUNTED	HIGH PRESSURE SODIUM, ANODIZED REFLECTORS, TEMPERED GLASS LENS, CAST ALUMINUM HOUSING, DARK BRONZE FINISH. 480V HPF B1-LEVEL BALLAST. PROVIDE (2) QUARTZ IES CUT-OFF TYPE FIXTURE AT +15'-0" AFF, 120V. WIDELITE# A2S-1000-A-480-M-BL (HPS FIXTURE) PHOENIX# MS 1000Q (QUARTZ FIXTURE)	PROVIDE POST TOP MOUNTED OBSTRUCTION LIGHT TYPE "A2" WHERE INDICATED IN THE DRAWINGS. REFER TO DETAIL ON DWG E5.00
(44)	3-1000W HPS + 2-1000W QUARTZ FLOODLIGHTS	POLE TOP MOUNTED	SIMILAR TO TYPE "H1" EXCEPT (3) HPS FIXTURES MTD AT TOP OF POLE. WIDELITE# A2S-1000-A-480-M-BL (HPS FIXTURE) PHOENIX# MS 1000Q (QUARTZ FIXTURE)	PROVIDE POST TOP MOUNTED OBSTRUCTION LIGHT TYPE "A2" WHERE INDICATED IN THE DRAWINGS. REFER TO DETAIL ON DWG E5.00
(45)	2-150W HPS	POLE TOP MOUNTED	HIGH PRESSURE SODIUM, ONE-PIECE CAST ALUMINUM HOUSING, FULLY GASKETED, ALZAK REFLECTOR, TEMPERED GLASS LENS, DARK BRONZE POWDER COAT FINISH. 277V HPF BALLAST. KIM# 2B-ET3-150HPS277-DB-P	REFER TO DETAIL ON DWG E5.01
(46)	1-150W HPS	POLE TOP MOUNTED	SIMILAR TO TYPE "H3" EXCEPT SINGLE POLE TOP FIXTURE. KIM# 1A-ET3-150HPS277-DB-P	REFER TO DETAIL ON DWG E5.01
(47)	1-150W HPS + 2-1000W QUARTZ FLOODLIGHT	POLE TOP MOUNTED	SIMILAR TO TYPE "H1" EXCEPT PROVIDE (2) QUARTZ FLOODLIGHTS AT +15'-0" AFF. KIM# 1A-ET3-150HPS277-DB-P (HPS FIXTURE) PHOENIX# MS 1000Q (QUARTZ FIXTURE)	REFER TO DETAIL ON DWG E5.01
(48)	1-175W METAL HALIDE, VENTURE PULSE START, 3700K, 70 CRI	CEILING STEM MOUNTED	METAL HALIDE, LOW BAY FIXTURE, ACRYLIC REFRACTOR, ENCLOSED AND GASKETED. PROVIDE WITH SAFETY CABLE FOR BALLAST AND REFLECTOR ASSEMBLY. 277V HPF BALLAST FOR PULSE START LAMP. GE# UM5-G-17-M-4-H-EA-AG-11-MPM-3PR	
(49)	1-1000W METAL HALIDE, 3700K, 70 CRI	MTD. TO EXIST CAT WALK STRUCT. +45'-0" AFF	METAL HALIDE, HIGH BAY FIXTURE, CLEAR TEMPERED GLASS LENS, ENCLOSED AND GASKETED. PROVIDE WITH SAFETY CABLE FOR BALLAST AND REFLECTOR ASSEMBLY. 277V HPF BALLAST. GE# F66-G-01-P-0-H-E2-EX-33-K	PROVIDE WITH NEMA LOCKING RECEPTACLE AND BACKBOX. PROVIDE MTD. HARDWARE AS REQUIRED.
(50)	1-150W HPS	WALL MOUNTED	HIGH PRESSURE SODIUM WALL PACK, PRISMATIC REFRACTOR, ALUMINUM HOUSING, DARK BRONZE FINISH. 277V HPF BALLAST. GE# WTLR-125-S-4-H-1-M-S	
(51)	1-70W PAR 38 METAL HALIDE PHILLIPS CDM70/PAR38/SP/3K	STANCHION MOUNTED	PAR 38-METAL HALIDE FLOODLIGHT. SPUN COPPER HOUSING. PROVIDE WITH FIXED HOOD, HEAVY DUTY SWIVEL AND ALL REQUIRED MOUNTING HARDWARE. KIM #63400-70MH277	REFER TO DETAIL ON DWG E5.02
(52)	3-1000W HPS	POLE TOP MOUNTED	SIMILAR TO TYPE "H2" EXCEPT WITHOUT QUARTZ FLOODLIGHTS WIDELITE #A2S-1000-A-480-M-BL.	PROVIDE POST TOP MOUNTED OBSTRUCTION LIGHT TYPE "A2" WHERE INDICATED IN THE DRAWINGS. REFER TO DETAIL ON DWG E5.00
(53)	3-1000W HPS	BRACKET MOUNTED ON ROOF	SIMILAR TO TYPE "H2" EXCEPT BRACKET MOUNTED ON ROOF AND WITHOUT QUARTZ FLOODLIGHTS. WIDELITE #A2S-1000-A-277-M-BL (HPS FIXTURE)	

**LIGHT FIXTURE SCHEDULE**

TYPE	LAMPS	MOUNTING	DESCRIPTION	REMARKS
(54)	1-175W METAL HALIDE, VENTURE PULSE START, 3700K, 70 CRI	CEILING STEM MOUNTED	METAL HALIDE LOW BAY, ACRYLIC REFRACTOR, ENCLOSED AND GASKETED. PROVIDE WITH SAFETY CABLE FOR BALLAST AND REFRACTOR ASSEMBLY. 277V HPF BALLAST FOR PULSE START LAMP. GE # C1S-17-P-4-H-4-TA-2	
(55)	1-175W METAL HALIDE, VENTURE PULSE START, 3700K, 70 CRI	CEILING STEM MOUNTED	METAL HALIDE LOW BAY, ACRYLIC REFRACTOR, ENCLOSED AND GASKETED. PROVIDE WITH SAFETY CABLE FOR BALLAST AND REFRACTOR ASSEMBLY. FIXTURE SHALL BE SUITABLE FOR NEC CLASS III HAZARDOUS LOCATIONS. 277V HPF BALLAST FOR PULSE START LAMP. GE # MCH-17-P-4-H-4-4C-FG	
(56)	LED	UNIVERSAL MOUNTING	EXIT SIGN LIGHT, SINGLE FACE WITH RED LETTERS, CHEVRONS AS INDICATED. DIECAST ALUMINUM HOUSING. PROVIDE MAINTENANCE FREE BATTERY. 120/277V. PRESCOLITE# LEDR-1-NB-B/BA	
(57)	LED	CEILING MOUNTING	EXIT SIGN LIGHT, DOUBLE FACE WITH RED LETTERS, CHEVRONS AS INDICATED. DIECAST ALUMINUM HOUSING. PROVIDE MAINTENANCE FREE BATTERY. 120/277V. PRESCOLITE# LEDR-2-NB-B/BA	

IF SHEET IS LESS THAN 24" x 36" IT IS A REDUCED PRINT-SCALE REDUCED ACCORDINGLY

The Contractor will be responsible for coordinating the work among the various trades as necessary to avoid conflicts and to insure the installation of all work within the available space.

*John K. Hashimoto*



APPROVED:	TAG-HAWAII	DATE:	
APPROVED:	HARRING COMMANDER	DATE:	
REVISION NO.	DESCRIPTION	DATE	BY
			CHK'D
DEPARTMENTS OF THE ARMY AND AIR FORCE NATIONAL GUARD OF HAWAII OFFICE OF THE ENGINEER, FORT RUGER, HAWAII			
DESIGNED:	JH	MILITARY TRAINING COMPLEX, PROJECT 150057	
DRAWN:	CP	ADDITIONS AND ALTERATIONS TO BUILDING 117	
CHECKED:	JH	Kalaeloa (Barbers Point NAS), Hawaii	
ENGINEER:	JH	PHASE I	
LIGHT FIXTURE SCHEDULES			
APPROVED:	HARRING FAC. MGT. OFFICER	APPROVED:	NSB USJFPO FOR HAWAII
DATE:		DATE:	1 NOV. 2002
APPROVED:		SCALE:	AS SHOWN
DRAWING NO.		<b>E.6.19</b>	
SHEET: 544 OF 578			