

LIGHTING FIXTURE SCHEDULE

FIXTURE MARK	LAMPS				CU @ RCR=1	VOLTAGE	DESCRIPTION
	NO.	WATTS	TYPE	LUMENS			
A2	4	32	a	2900	0.77	277V	610mm x 1219mm(NOMINAL) RECESSED TROFFER. A-12 PRISMATIC LENS, BAKED WHITE ENAMEL FINISH.
A2B	4	32	a	2900	0.77	277V	SAME AS A2 EXCEPT WITH EMERGENCY BATTERY PACK.
A2B	4	32 or 30	b	1800	0.77	277V	610mm x 1219mm RECESSED TROFFER A-12 PRISMATIC LENS, BAKED WHITE ENAMEL FINISH.
A3B	6	32 or 30	b	1800	0.61	277V	SAME AS A3 EXCEPT WITH EMERGENCY BATTERY PACK.
B1	2	32	a	2900	0.77	277V	610mm x 1219mm(NOMINAL) RECESSED TROFFER. A-12 PRISMATIC LENS, BAKED WHITE ENAMEL FINISH.
B1B	2	32	a	2900	0.77	277V	SAME AS B1 EXCEPT WITH EMERGENCY BATTERY PACK.
B1D	2	32	a	2900	0.77	277V	SAME AS B1 EXCEPT WITH DIMMING BALLAST.
B18	2	32	a1	2900	0.77	277V	SAME AS B1 EXCEPT 85 COLOR RENDERING LAMPS
B3	2	32	d	3150	0.80	277V	610mm x 610mm(NOMINAL) RECESSED TROFFER. A-12 PRISMATIC LENS, BAKED WHITE ENAMEL FINISH.
B3B	2	32	d	3150	0.80	277V	SAME AS B3 EXCEPT WITH EMERGENCY BATTERY PACK.
B3D	2	32	d	3150	0.80	277V	SAME AS B3 EXCEPT WITH DIMMING BALLAST
B3DB	2	32	d	3150	0.80	277V	SAME AS B3D EXCEPT WITH EMERGENCY BATTERY PACK.
C1	3	32	a	2900	0.78	277V	610mm x 1219mm(NOMINAL) RECESSED TROFFER. A-12 PRISMATIC LENS, BAKED WHITE ENAMEL FINISH.
C1D	3	32	a	2900	0.78	277V	SAME AS C1 EXCEPT WITH DIMMING BALLAST
C1B	3	32	a	2900	0.78	277V	SAME AS C1, EXCEPT WITH BATTERY PACK,
C18	3	32	a1	2900	0.78	277V	SAME AS C1 EXCEPT 85 COLOR RENDERING LAMPS
C18B	3	32	a1	2900	0.78	277V	SAME AS C18 EXCEPT WITH EMERGENCY BATTERY PACK.
D18	3	32 or 30	b	1800	0.77	277V	610mm X 1219mm (NOMINAL) RECESSED TROFFER A-12 PRISMATIC LENS, BAKED WHITE ENAMEL FINISH.
D18B	3	32 or 30	b	1800	0.77	277V	SAME AS D18 EXCEPT WITH EMERGENCY BATTERY PACK
DM175	1	175	h	14000	—	277V	SEMI-RECESSED METAL HALIDE UP LIGHT FIXTURE.
E1	2	32	a	2900	—	277V	1219mm SURFACE WALL MOUNTED FLUORESCENT WITH UP/DOWN LIGHT DISTRIBUTION. ALUMINUM EXTRUSION SHELL. ACRYLIC PRISMATIC LENS ON BOTTOM, CLEAR ACRYLIC LENS ON TOP. NO SWITCH OR RECEPTACLE. PROVIDE EMERGENCY PACK.
E2	2	17	c	1375	—	277V	SAME AS E1 EXCEPT 610mm AND DOWN LIGHT ONLY. INSTALL ABOVE MIRROR.
HAJ1	1	400	i	50000	—	480V	POLE MOUNTED HIGH PRESSURE SODIUM SINGLE HEAD FIXTURE, SHOEBOX SHAPE, IMPACT RESISTANCE ACRYLIC LENS. FULL LENGTH ACCESS DOOR FOR BALLAST MAINTENANCE, TYPE III DISTRIBUTION. MOUNT ON 9.14M POLE.
HAJ2	2	400	i	50000	—	480V	SAME AS HAJ1 EXCEPT DOUBLE HEAD.
HYF	1	70	i	6400	—	277V	HIGH PRESSURE SODIUM SQUARE BOLLARD.
HPS	1	150	i	14,400	—	277V	WALL MOUNTED HIGH PRESSURE SODIUM FIXTURE. MOUNT 2286mm ABOVE LOADING DOCK.
LV	1	50	j	—	—	277V	RECESSED HALOGEN DOWNLIGHT
MGB	1	100	—	8500	—	277V	IN-GROUND FLUSH METAL HALIDE FIXTURE.
M175	1	175	h	14000	—	277V	SURFACE MOUNTED METAL HALIDE FIXTURE.
M250	1	250	h	20500	—	277V	SURFACE MOUNTED METAL HALIDE FIXTURE.
M400	1	400	h	36000	—	277V	SURFACE MOUNTED METAL HALIDE FIXTURE.
N2	2	32	a	2900	0.78	277V	244mm x 1219mm SURFACE MOUNTED FLUORESCENT FIXTURE WITH GASKETED ACRYLIC LENS APPROVED FOR WET LOCATIONS.

LIGHTING FIXTURE SCHEDULE (CONT.)

FIXTURE MARK	LAMPS				CU @ RCR=1	VOLTAGE	DESCRIPTION
	NO.	WATTS	TYPE	LUMENS			
P1	3	32	a	2900	0.56	277V	LINEAR FLUORESCENT UPLIGHT FIXTURE. ONE PIECE EXTRUDED ALUMINUM CONSTRUCTION. PENDANT MOUNTED. LENGTH AS SHOWN ON DRAWINGS. COORDINATE FINISH WITH CONTRACTING OFFICER. MOUNT 458mm FROM CEILING TO BOTTOM OF FIXTURE.
Q1	1	32	a	2900	0.88	277V	1219mm SINGLE LAMP STRIP, WITH WIRE GUARD, MOUNT 2438mm AFF. NOTE 5
Q4	2	32	a	2900	0.89	277V	1219mm 2 LAMP STRIP, WITH WIRE GUARD, MOUNT 2438mm AFF. NOTE 5
Q4B	2	32	a	2900	0.89	277V	SAME AS Q4 EXCEPT WITH BATTERY PACK, MOUNT 2438mm AFF. NOTE 5
R1	2	32	a	2900	0.80	277V	305mm x 1219mm (NOMINAL) RECESSED TROFFER. A-12 PRISMATIC LENS, BAKED WHITE ENAMEL FINISH.
S	1	75	l	2900	—	120V	RECESSED INCANDESCENT DOWNLIGHT
SA	1	13	e	950	0.24	277V	RECESSED FLUORESCENT SHOWER LIGHT, 152mm DIAMETER APERTURE, DROP OPAL LENS, UL LISTED FOR WET LOCATIONS.
SB	1	18	f	1200	0.52	277V	RECESSED COMPACT FLUORESCENT DOWNLIGHT WITH 102mm DIA. CEILING APERTURE, CLEAR SPECULAR REFLECTOR, WHITE TRIM RING. NOTE 6
SBB	1	18	f	1200	0.52	277V	SAME AS SB EXCEPT WITH EMERGENCY BATTERY PACK.
SC	2	32	g	2400	0.61	277V	RECESSED COMPACT FLUORESCENT DOWNLIGHT WITH 213mm DIAMETER CEILING APERTURE, CLEAR SPECULAR REFLECTOR. WHITE TRIM RING.
SCB	2	32	g	2400	0.61	277V	SAME AS SC EXCEPT WITH EMERGENCY BATTERY PACK.
SD	2	26	f	1800		277V	RECESSED COMPACT FLUORESCENT DOWNLIGHT WITH 213mm DIA. CEILING APERTURE, CLEAR POLISHED ANODIZED ALUMINUM REFLECTOR. U.L. LISTED FOR DAMP LOCATION USE.
SDB	2	26	f	1800		277V	SAME AS SD EXCEPT WITH EMERGENCY BATTERY PACK.
SE	2	26	f	1800	0.60	277V	RECESSED COMPACT FLUORESCENT DOWNLIGHT WITH 213mm DIAMETER APERTURE, CLEAR SPECULAR REFLECTOR. DEPTH OF FIXTURE NOT TO EXCEED 152.4mm.
T1		(SEE DETAIL)		2900		277V	LINEAR WALL MOUNTED UPLIGHT
X1	—	—	m	—		277V	CEILING MOUNTED LED EXIT SIGN WITH SINGLE FACE, WHITE TRIM, WHITE BODY, RED LETTERS, ARROWS AS INDICATED ON DRAWINGS. BATTERY PACK. 277V
X1B	—	—	m	—		277V	BACK OR SIDE MOUNTED LED EXIT SIGN, WHITE TRIM, WHITE BODY, RED LETTERS, ARROWS AS INDICATED ON DRAWINGS, EMERGENCY BATTERY PACK. 277V
X2	—	—	m	—		277V	CEILING MOUNTED LED EXIT SIGN WITH DOUBLE FACE, WHITE TRIM, WHITE BODY, RED LETTERS, ARROWS AS INDICATED ON DRAWINGS. BATTERY PACK. 277V
Y	2	7	e			277V	SURFACE FLUORESCENT INDICATING TYPE FIXTURE HAVING 51mm HIGH LETTERS "X-RAY IN USE" W/ 19mm STROKE AND RED POLYMER DIFFUSER-MOUNT AT 1981mm AFF OR ABOVE DOOR AS INDICATED.
Y1	2	7	e			277V	RECESSED FIXTURE, SAME AS TYPE "Y" EXCEPT READING "DARKROOM IN USE".
Y2	1	1-15	k			120V	SINGLE COMPARTMENT DARK ROOM SAFELIGHT: FILTERED COMPARTMENT, CEILING MOUNTED.
Z	1	100	K			120V	ELEVATOR PIT LIGHT. DIE CAST HOUSING WITH SHATTER RESISTANT GLOBE AND WIRE GUARD. (SEE SHEET EP2-3 FOR LOCATION)

REVISIONS				
SYM	DESCRIPTION	PREPARED BY	DATE	APPROVED

LIGHTING FIXTURE SCHEDULE NOTES:

1. LAMP TYPES AND DESCRIPTION:
a. FLUORESCENT – T8, 1219mm, RAPID START, 4100K, CRI=75.
a1. FLUORESCENT – T8, 1219mm, RAPID START, 4100K, CRI=85 MINI.
b. FLUORESCENT – T8 OR TH10, 1219mm, RAPID START, 5000K, CRI=90.
c. FLUORESCENT – T8, 610mm, RAPID START, 4100K, CRI=80.
d. FLUORESCENT – U-SHAPED 4100K, CRI 75.
e. FLUORESCENT – T4, TWIN TUBE, 4100K, CRI=82.
f. FLUORESCENT – T4, QUAD TUBE, 4100K, CRI=82.
g. FLUORESCENT – T4, TRIPLE TUBE, 4100K, CRI=82.
h. METAL HALIDE
i. HIGH PRESSURE SODIUM –
j. HALOGEN – MR16
k. INCANDESCENT
l. INCANDESCENT – PAR 38
m. LED
2. FLUORESCENT LUMINAIRES INSTALLED IN THE FOLLOWING AREAS BE FURNISHED WITH ELECTROMAGNETIC BALLASTS WITH FILTERS.

a. DTR 2C06 AND DTR 2C09
b. TREATMENT ROOMS 1D05 AND 1D38

ALL OTHER AREAS SHALL HAVE ELECTRONIC BALLAST.
3. ALL FIXTURES SHALL BE UL APPROVED TO BE USED AS A RACEWAY.
4. OPEN TUBE FLUORESCENT FIXTURES SHALL HAVE SOCKETS THAT REQUIRE A FORCED LATERAL MOVEMENT ALONG AXIS OF LAMP FOR INSTALLATION AND REPLACEMENT OF LAMPS.
5. MOUNT 2438mm OR LESS ON CEILING OR CHAIN HANG TO 2438mm A.F.F. IF CEILING IS HIGHER THAN 2438mm.
6. PROVIDE LIGHT WITH DIMMING BALLAST IN OPT. EXAM/OFFICE ROOMS 1C10 & 1C07.
7. PROVIDE HANGERS CAPABLE OF SUPPORTING TWICE THE COMBINED WEIGHT OF FIXTURES SUPPORTED BY HANGERS. HANGERS SHALL BE CADMIUM-PLATED STEEL WITH A SWIVEL-BALL TAPPED FOR THE CONDUIT SIZE INDICATED. HANGERS SHALL BE SHOCK-ABSORBING TYPE. HANGERS SHALL ALLOW FIXTURES TO SWING WITHIN AN ANGLE OF 0.3489 RAD 20 DEGREES. BRACE PENDANTS 1219mm OR LONGER TO LIMIT SWINGING. SINGLE-UNIT SUSPENDED FIXTURES SHALL HAVE TWIN-STEM HANGERS. MULTIPLE-UNIT OR CONTINUOUS ROW FLUORESCENT FIXTURES SHALL HAVE A TUBING OR STEM FOR WIRING AT ONE POINT AND A TUBING OR ROD SUSPENSION PROVIDED FOR EACH UNIT LENGTH OF CHASSIS, INCLUDING ONE AT EACH END. RODS SHALL BE A MINIMUM 4.57mm 0.18 INCH DIAMETER.

IF SHEET IS LESS THAN 28"x42", IT IS A REDUCED PRINT. SCALE REDUCED ACCORDINGLY.

EL3-1

MEDICAL/DENTAL CLINIC			
LIGHTING FIXTURE SCHEDULE & NOTES			
SIZE	CODE IDENT. NO.	DRAWING NO.	
F	XXXXX	8144774	
CONST. CONTR. NO.			
SCALE: AS SHOWN		SPEC. 11996048	SHEET 269 OF 316