



FOR EXHAUST FAN MARK EF-3, 4, 5, 6, 9 AND 10: PROVIDE 14" x 14" EXHAUST REGISTER IN CEILING, CONNECT TO 12" x 12" EXHAUST DUCT AND EXTEND TO EF ON ROOF.

FOR EXHAUST FAN MARK EF-7: PROVIDE 18" x 18" EXHAUST REGISTER IN CEILING, CONNECT TO 16" x 16" EXHAUST DUCT AND EXTEND TO EF ON ROOF.

FOR EXHAUST FAN MARK EF-8: PROVIDE 16" x 16" EXHAUST REGISTER IN CEILING, CONNECT TO 14" x 14" EXHAUST DUCT AND EXTEND TO EF ON ROOF.

- NOTES:
- PROVIDE ASCO #1255-1GG RC (#1GG60-C) LIGHTING CONTACTOR FOR CONTROL OF CKTS. LH-1, 3, 5, 7, 9 & 11. CONTACTOR IS 6 POLE N.O., 600 V., 25 A. PER POLE, 120V. CONTROL CKT. WITH 1 ENCLOSURE, MOUNT 8'-0" ABOVE FLOOR. CONTROL W/ 5mc FROM 3 POINTS.
 - PROVIDE ASCO #1255-1GG RC (#1GG20-C) SAME AS ABOVE EXCEPT 2 P. N.O. FOR CONTROL OF CKTS. LH-13 & 15. CONTROL FROM 1 POINT.
 - SPLIT CKT. SUPPLYING EH 14 INTO TWO CKTS. RUN MAIN CKT. TO 2' x 4' x LENGTH AS REQ'D. WIRING TROUGH W/ TWO 60A. 3P. D.S. W/ 3-EG FROM EACH D.S. CONNECT FIRESTAT TO BREAK LINE OF THERMOSTAT. MOUNT TROUGH AT HEATER MOUNTING HEIGHT.

Project no. 5108
 drawn _____
 checked _____
 date _____
 revised _____

HAMILTON, MEYER and ASSOCIATES, INC.
 ARCHITECT and ENGINEER

LIGHTING & POWER PLAN - GYMNASIUM - SCALE: 1/8" = 1'-0"

NOTE: PRIOR APPROVAL REQUIRED FOR ANY SUBSTITUTION.

NO.	MANUFACTURER	CATALOG NO.	LAMPS	MOUNTING	VOLTAGE	REMARKS
1	LITHONIA	8TCF-240-M-PL	4-F40 T12 CW		120	8" TANDUM, 1/2" x 1/2" PLASTIC CASE LOUVER, METAL SIDES, 16" STEM & HANGER SET, UL BOARD OF HEALTH APPROVED.
2	"	CT-240-M-PL	2-F40 T12 CW		120	SAME AS FIXTURE 1 EXCEPT 4' LONG.
3	"	8TCB-240-A	4-F40 T12 CW		120	7" WIDE x 8" TANDUM WRAP AROUND UNIT WITH CLEAR ACRYLIC PRISMATIC DIFFUSER.
4	"	CB-240-A	2-F40 T12 CW		120	SAME AS FIXTURE 3 EXCEPT 4' LONG.
5	"	CB-120-A	1-F40 T12 CW		120	SAME AS FIXTURE 4 EXCEPT SINGLE LAMP UNIT.
6	PRESCOTE	CF-28-LEX	1-100 W A19 IF		120	LEXAN DIFFUSER, ALL TRIM.
7	LITHONIA	C-240	2-F40 T12 CW		120	4" CHANNEL STRIP.
8	LIGHTING EQUIP.	10-112-PR	1-150 W A23 IF		120	1/2" PRE-WIRED DOWNLIGHT WITH SPREAD TRIM AND PLASTER FINISH.
9	LITHONIA HI-TEK DIV.	TH-400-M-ALW	1-M 400 W-3U HOR METAL ARC		120	WIDE SPREAD DISC. FOR GYM APPLICATION, 1/2" WIDE GUARD, WHITE CYLINDRICAL DECORATIVE SHADE, 1/2" SWIVEL STEM.
10	VISA	900G	1-300 W R40-FL		120	8" x 16" LONG PENDANT CYLINDER, 8" SWIVEL STEM, WITH RECTANGULAR CKT. WITH WHITE FINISH.
11	LITHONIA	DV-240-DR	2-F40 T12 CW		120	WATERPROOF UNIT WITH CLEAR ACRYLIC PLEXIGLAS DIFFUSER.
12	DEERFLITE	P-33G-EM	4-CT-7W INC.		120	RECESSED WALL MOUNT, G WHITE LETTERS ON GREEN PLEXIGLAS, NO ARROWS, WIRED FOR 2 CKTS.
13	"	P-37G-BM	4-CT-7W INC.		120	CEILING MOUNT, G WHITE LETTERS ON GREEN PLEXIGLAS, NO ARROWS, SINGLE FACE, WIRED FOR 2 CKTS.
14	P & S	4057	1-150 W A23 IF		120	KEYLESS PORCELAIN RECEPTACLE.
15	LITHONIA	2G-240-A12	4-F40 T12 CW		120	2' x 4' LAY IN TROFFER, HINGED AND LATCHED STEEL DOOR, A/C ACRYLIC PRISMATIC DIFFUSER.
16	WAGNER WOODRUFF	ET297/48	1-F40 T12 CW	MOUNT IN TROPHY CASE	120	4' LONG CHANNEL-LITE STRIP.

MOUNTING: C = CEILING OR SURFACE; W = WALL; R = RECESSED; P = PENDANT
 * 60,000 HOUR LAMP LIFE
 * 16" LONG HANGER STEM SPECIFIED, MATCH EXISTING MOUNTING HEIGHT, STEM SETS MAY BE SHORTER, V.O.V.

ELECTRIC HEATER SCHEDULE (CONTINUED FROM SHEET E-1)

MARK	CATALOG NO.	KW	VOLTAGE & PHASE	NO. OF STAGES	CFM	FAN HP	AREA SERVED	NON ELECTRICAL ACCESSORIES	REMARKS
EH A	CUC-378-252G	10	208 V. 3 ϕ	2	500	1/20	LOBBY (2)		37" LONG CEILING TRIM (FURNISHED) UNIT HEATER, 100" DOWN ROSS BOTTOM INLET, REMOTE THERMOSTAT WALL THERMOSTAT 1/2" POWER RELAY, 1/2" MOTOR WIRE, 1/2" HEATING CKT. WITH CIRCUIT BREAKER.
EH B	CUC-378-222G	4	208 V. 3 ϕ	2	500	1/20	BOYS DRY-OFF (10)		SAME AS EH A
EH C	CUC-378-222G	4	208 V. 3 ϕ	2	500	1/20	GIRLS DRY-OFF (20)		SAME AS EH A
EH D	CUC-378-232G	6	208 V. 3 ϕ	2	500	1/20	BOYS LOCKERS (13)		SAME AS EH A
EH E	CUC-378-222G	4	208 V. 3 ϕ	2	500	1/20	GIRL LOCKERS (16)		SAME AS EH A
EH F	RSF-430-S	3	208 V. 1 ϕ	1	170	1/40	CONCESSIONS (3)	RE-AC-3 RECESS WALL BOX	WALL MOUNT UNIT HEATER, RECESS MOUNT WITH DISCONNECT SWITCH AND INTEGRAL THERMOSTAT, MOUNT BOTTOM OF HEATER UP 18"-21"
EH G	RSF-430-S	3	208 V. 1 ϕ	1	170	1/40	WOMEN'S RESTROOM (5)		SAME AS EH F
EH H	RSF-420-S	2	208 V. 1 ϕ	1	170	1/40	MEN'S RESTROOM (4)		SAME AS EH F
EH I	RSF-415-S	1.5	208 V. 1 ϕ	1	170	1/40	OFFICE (12)		SAME AS EH F
EH J	RSF-415-S	1.5	208 V. 1 ϕ	1	170	1/40	OFFICE (17)		SAME AS EH F
EH K	LUH-30-01	30	208 V. 3 ϕ	2	555	.004	GYMNASIUM (7)	W/ 1-03 WALL SWIVEL MOUNTING BRACKET	HORIZONTAL UNIT HEATER, 2 STAGE REMOTE THERMOSTAT WALL THERMOSTAT, (4) HEATER REG'D. (FURN. EH 14), MOUNT BOTTOM OF HEATER UP 18"-21"

NOTE: FURNISH CLEAR PLASTIC GUARDS WITH LOCK FOR ALL REMOTE WALL THERMOSTATS.

EXHAUST FAN SCHEDULE

MARK	AREA SERVED	MFR.	CATALOG NO.	CFM	S.P.	H.P.	R.P.M.	VOLTAGE & PHASE	SONES	REMARKS
EF-1	BOYS RESTROOM 9	ACME	PR 73	485	1/8"	1/40	1500	115 V. 1 ϕ	3.9	AUTOMATIC BACKDRIFT DAMPER, BIRDSCREEN AND SAFETY DISCONNECT.
EF-2	GIRLS RESTROOM 7	"	PR 73	485	1/8"	1/40	1500	115 V. 1 ϕ	3.9	
EF-3	MENS RESTROOM 4	"	PR 73	365	1/8"	1/40	1070	115 V. 1 ϕ	3.0	
EF-4	WOMEN'S R/L 5	"	PR 73	485	1/8"	1/40	1500	115 V. 1 ϕ	3.9	
EF-5	BOYS DRY-OFF 10	"	PR 73	485	1/8"	1/40	1500	115 V. 1 ϕ	3.9	
EF-6	GIRLS DRY-OFF 20	"	PR 73	485	1/8"	1/40	1500	115 V. 1 ϕ	3.9	
EF-7	BOYS LOCKERS 13	"	PR 11 CG	1340	1/8"	1/8	1160	115 V. 1 ϕ	9.0	FIRESTAT REQ'D.
EF-8	GIRL LOCKERS 16	"	PR 9 AG	845	1/8"	1/40	1160	115 V. 1 ϕ	4.6	FIRESTAT REQ'D.
EF-9	BOYS SHOWERS 9	"	PR 73	485	1/8"	1/40	1500	115 V. 1 ϕ	3.9	SAME AS EF-1 EXCEPT WITH ALKYL BAKED ENAMEL FINISH.
EF-10	GIRL SHOWERS 19	"	PR 73	485	1/8"	1/40	1500	115 V. 1 ϕ	3.9	
EF-11	GYM 7	"	DC 42 J	16200	1/8"	1	435	208 V. 3 ϕ	14.9	PROPELLER WALL FAN (2 REQ'D.) WITH SAFETY GUARD #WUC42DC WALL COLLAR #WH 46-16 HEAVY DUTY AUTOMATIC WALL SHUTTER, 5V. 6.5 SPEED, REG'D.

ADDITIONS TO BOYET JUNIOR HIGH SCHOOL
 SLIDELL, LOUISIANA
 ST. TAMMANY PARISH SCHOOL BOARD, OWNER

sheet no. E-1
 of 1 sheets