PANELBOARD SCHEDULE

PANEL NO.	BRANCH CIRCUIT BREAKERS	BRANCH BRKR. SPACES	MAINS LUGS	MAINS BREAKER	MAINS PHASE	MAINS WIRES	MAINS VOLTS	MOUNTING	NOTES
ELP-G2	15-1P-20A	27	-	100A	3	4	480/277	SURFACE	(2)
ELP-2W	20-1P-20A	22	-	100A	3	4	480/277	SURFACE	(2)
ELP-3W	15-1P-20A	27	-	100A	3	4	280/277	SURFACE	(2)
ERP-UL	2-1P-50A, 2-1P-20AE 1-1P-40A	12	100A	-	3	4	208/120	SURFACE	(1)
ERP-2W	5-1P-15A, 15 1P-20A	20 22	100A	-	3	4	208/120	SURFACE	(1)
ERP-3W	3-1P-15A, 15 1P-20A, 1-1P-20A GFEI	18 22	100A	-	3	4	208/120	SURFACE	(1)
EPP-1	3-3P-100A, 17-1P-15A 16 1P-20A, 1-2P-50A	16 20	-	400A	3	4	208/120	SURFACE	(1)
EDP-1	2-1P-15A, 1-1P-20A, 2-3P-125A, 2-3P-100A, 1-3P-50A 2-3P-15A, 3-3P-30A, 1-3P-60A	15	-	300A	3	4	480/277	SURFACE	(1)
EDP-2	1-3P-300A, 2-3P-100A	12	600A	-	3	4	480/277	SURFACE	(1)
EDP-3	1-3P-150A, 1-3P-90A	12		200A	3	4	480/277	SURFACE	(1)
RP-1E	1-2P-30A, 68-1P-20A	14	225A	-	3	4	208/120	SURFACE	(1)
RP-K	9-1P-15A, 22-1P-20A, 1-1P-30A 1-1P-25A, 7-2P-20A, 1-2P-40A, 3-2P-15A 1-2P-60A, 1-2P-30A, 1-2P-50A, 1-3P-30A 3-3P-100A, 1-2P-100A, 1-2P-45A	16	400A	-	3	4	208/120	SURFACE	(1) (6)
RP-2W	74 2P-1P-20A, 1-1P-10A	8 10	225A	-	3	4	208/120	SURFACE	(1)
RP-2E	72-1P-20A	12	225A	-	3	4	208/120	SURFACE	(1)
RP-3W	96-1P-20A	30	225A	-	3	4	208/120	SURFACE	(1)
RP-3E	72 1P-20A	30 8	225A	-	3	4	208/120	SURFACE	(1)
RP-4W	2-1P-15A, 12-1P-20A	28	100A	-	3	4	208/120	SURFACE	(1)
RP-4E	10-1P-15A, 14-1P-20A	18	100A		3	4	208/120	SURFACE	(1)
LP-G2	25-1P-20A, 1-1P-50A	16	-	150A	3	4	480/277	SURFACE	(2)
LP-1W	20-1P-20A	22	-	100A	3	4	480/277	SURFACE	(2)
LP-1E	20-1P-20A	22	-	100A	3	4	480/277	SURFACE	(2)
LP-2W	20-1P-20A	22	-	100A	3	4	480/277	SURFACE	(2)
LP-2E	20-1P-20A	22	-	100A	3	4	480/277	SURFACE	(2)
LP-3W	22-1P-20A	20	-	100A	3	4	480/277	SURFACE	(2)
LP-3E	20-1P-20A	22	-	100A	3	4	480/277	SURFACE	(2)
LP-4W	15-1P-20A	27	-	100A	3	4	480/277	SURFACE	(2)
LP-4WA	6-1P-30A	6	-	100A	3	4	480/277	SURFACE	(1) (2)
LP-SM	20-1P-40A	4	-	300A	3	4	480/277	SURFACE	(1) (2) (6)
RP-G2	8-1P-15A, 8-1P-20A, 1-3P-15A	8	100A	-	3	4	208/120	SURFACE	(1)
RP-1W	70-1P-20A	14	225A	-	3	4	208/120	SURFACE	(1)
PP-W	3-3P-225A, 1-3P-100A, 3-3P-80A	4-3P-SPACES	-	800A	3	4	208/120	SURFACE	(1)
PP-E	3-3P-225A, 1-3P-100A, 3-3P-80A	4-3P-SPACES	-	800A	3	4	208/120	SURFACE	(1)
PP-K	1-3P-400A, 3-3P-100A, 1-3P-15A	4-3P-SPACES	-	800A	3	4	208/120	SURFACE	(1)

NOTES: (APPLY TO PANELBOARD SCHEDULE ONLY)

(1) PROVIDE GROUND BUS BAR IN PANELBOARD.

(2) DELETED

(3) PROVIDE DOUBLE WIDTH NEMA TYPE 3R ENCLOSURE WITH TWO 12P PANELBOARDS AND THROUGH FEED LUGS ON MAIN BREAKER SECTION.

(4) DELETED

(5) DELETED

(6) PROVIDE PADLOCK TYPE BREAKER HANDLE LOCKS CAPABLE OF LOCKING IN THE "OFF" POSITION FOR ALL BREAKERS.

(7) DELETED

FEEDER SCHEDULE

FEEDER #	FROM	TO	SERVICE ϕ	SERVICE VOLTS	CB P.	CB TRIP	CB CLF	WIRING NO.	WIRING SIZE	WIRING C.	REMARKS
1(PP-E)	PP-E	RP-1E	3	208/120	3	225A	-	4+GW	4/0+#4	2-1/2"	
2(PP-E)	PP-E	RP-2E	3	208/120	3	225A	-	4+GW	4/0+#4	2-1/2"	
3(PP-E)	PP-E	RP-3E	3	208/120	3	225A	-	4+GW	4/0+#4	2-1/2"	
4(PP-E)	PP-E	RP-4E	3	208/120	3	100A	-	4+GW	#1+#8	2"	

FEEDER SCHEDULE

FEEDER #	FROM	TO	SERVICE ϕ	SERVICE VOLTS	CB P.	CB TRIP	CB CLF	WIRING NO.	WIRING SIZE	WIRING C.	REMARKS
1(PP-W)	PP-W	RP-1W	3	208/120	3	225A	-	4+GW	4/0+#4	2-1/2"	
2(PP-W)	PP-W	RP-2W	3	208/120	3	225A	-	4+GW	4/0+#4	2-1/2"	
3(PP-W)	PP-W	RP-3W	3	208/120	3	225A	-	4+GW	4/0+#4	2-1/2"	
4(PP-W)	PP-W	RP-4W	3	208/120	3	100A	-	4+GW	#1+#8	2"	

FEEDER SCHEDULE

FEEDER #	FROM	TO	SERVICE ϕ	SERVICE VOLTS	CB P.	CB TRIP	CB CLF	WIRING NO.	WIRING SIZE	WIRING C.	REMARKS
1(EDP-2)	EDP-2	ATS #1	3	480/277	3	300A	-	4+GW	350 MCM + #4	3-1/2"	
2(EDP-2)	EDP-2	ATS #2	3	480/277	3	100A	-	4+GW	#1 + #8	2"	
3(EDP-2)	EDP-2	CONFERENCE CENTER	3	480/277	3	100A	-	—	—	4"	PROVIDE PULL CORD IN DUCT BANK SEE DETAIL 16/E-15

FEEDER SCHEDULE

FEEDER #	FROM	TO	SERVICE ϕ	SERVICE VOLTS	CB P.	CB TRIP	CB CLF	WIRING NO.	WIRING SIZE	WIRING C.	REMARKS
1(EDP-3)	EDP-3	ELEVATORS #1, #2	3	480	3	150A	-	3+GW	#1/0 + #6	2"	
2(EDP-3)	EDP-3	ELEVATOR #3	3	480	3	90A	-	3+GW	#1 + #8	1-1/2"	

FEEDER SCHEDULE

FEEDER #	FROM	TO	SERVICE ϕ	SERVICE VOLTS	CB P.	CB TRIP	CB CLF	WIRING NO.	WIRING SIZE	WIRING C.	REMARKS
1(EPP-1)	EPP-1	ERP-2W	3	208/120	3	100A	-	4+GW	#1+#8	2"	
2(EPP-1)	EPP-1	ERP-3W	3	208/120	3	100A	-	4+GW	#1+#8	2"	
3(EPP-1)	EPP-1	ERP-UL	3	208/120	3	100A	-	4+GW	#1+#8	2"	

FEEDER SCHEDULE

FEEDER #	FROM	TO	SERVICE ϕ	SERVICE VOLTS	CB P.	CB TRIP	CB CLF	WIRING NO.	WIRING SIZE	WIRING C.	REMARKS
1(PP-K)	PP-K	RP-K	3	208/120	3	400A	-	6+GW	#3/0+#3	2-2½"	
2(PP-K)	PP-K	2 HP REMOTE CONDENSER UNIT	3	208	3	15A	-	3+GW	#12 + #12	3/4"	
3(PP-K)	PP-K	RP-G2	3	208/120	3	100A	-	4+GW	#1+#8	2"	

LIGHTING FIXTURE SCHEDULE

TYPE	MOUNTING	LAMPS (1) NUMBER & TYPE	MANUFACTURER AND CATALOG NO.	NOTES
W	SURFACE	150W A23	APPLETON VPWB75/VPGL-2PL/VPGU-1	
X	SURFACE	ELECTROLUMINESCENT	LITHONIA SIGNATURE SERIES - ETE-S-G-277	(8) EXIT SIGN
XS	SURFACE	F8T5 FLUORESCENT	LITHONIA PRECISE COLLECTION	(8) EXIT SIGN - ATRIUM
Y	WALL MOUNT	1-175W-MH	MWC LIGHTING SYSTEMS MWI-175MH-277-H-PLP-DBZ	MOUNT 7'-6"
Y1	WALL MOUNT	HR 40/50 DX 46 DELUX WHITE	BEGA #2483M	MOUNT 7'-6"
Z	PENDANT MOUNT	1-175W-MH	~~MWC LIGHTING SYSTEMS SBH1-LTM-175MH-277-DPL-SH11-~~ COOPER LTG-PDI-11721-4	MOUNT 9'-0"
Z1	PENDANT MOUNT	1-175W-MH	~~MWC LIGHTING SYSTEMS SBH1-LTM-175MH-277-DPL-SH11-~~ COOPER LTG - PDI-11721-4 WITH RESTRIKE	~~46~~ MOUNT 9'-0"

NOTE: (1) LAMP TYPES ARE INDICATED BY GENERAL ELECTRIC COMPANY LAMP ORDERING CODE; SEE SPECIFICATIONS FOR EQUIVALENT MANUFACTURERS.

NOTES: (APPLICABLE TO LIGHTING FIXTURE SCHEDULE ONLY)

(1) CONTRACTOR SHALL SET SOCKET IN HIGH POSITION.

(2) FIXTURE TO BE SELECTED BY OWNER. ALLOWANCE $500 PER FIXTURE.

(3) FIXTURE TO BE SELECTED BY OWNER. ALLOWANCE $2500 PER FIXTURE.

(4) FIXTURE TO BE SELECTED BY OWNER. ALLOWANCE $500 PER FIXTURE.

(5) FLOOD LIGHT DISTRIBUTION SHALL BE 147.1. DEGREE H X 108.1 DEGREE V.

(6) WALL MOUNTING TO BE CUSTOM DESIGNED BY MOORE DESIGN (215-627-3379).

(7) PROVIDE 4' WIRE GUARD.

(8) STENCIL FACED BRUSED ALUMINUM WITH GREEN LETTERING. COORDINATE NUMBER OF FACES, MOUNTING AND DIRECTIONAL ARROWS WITH ELECTRICAL DRAWINGS.

(9) 1 LAMP, BRASS HOUSING, GREEN ON CLEAR LETTERING. COORDINATE NUMBER OF FACES, MOUNTING AND DIRECTIONAL ARROWS WITH ELECTRICAL DRAWINGS. DIRECTIONAL ARROWS MUST BE SPECIFIED.

(10) FLOODLIGHT DISTRIBUTION SHALL BE 146.6 DEGREE H X 106.8 DEGREEX V.

FEEDER SCHEDULE

FEEDER #	FROM	TO	SERVICE ϕ	SERVICE VOLTS	FUSELESS CURRENT LIMITING CB P.	FUSELESS CURRENT LIMITING CB TRIP	FUSELESS CURRENT LIMITING CB CLF	WIRING NO.	WIRING SIZE	WIRING C.	REMARKS
1(MDSB-A)	MDSB-A	LP-1E,2E,3E	3	480/277	3	225A	-	4	#4/0	2-1/2"	
2(MDSB-A)	MDSB-A	LP-1W,2W,3W,4W,4WA	3	480/277	3	225A	-	4	#4/0	2-1/2"	
3(MDSB-A)	MDSB-A	LP-G2	3	480/277	3	100A	-	4	#1/0	2"	
4(MDSB-A)	MDSB-A	T-1 (PP-E)	3	480	3	350A	-	6+2 GW	2/0 + #3	3"	
5(MDSB-A)	MDSB-A	T-2 (PP-W)	3	480	3	350A	-	6+2 GW	2/0 + #3	3"	
6(MDSB-A)	MDSB-A	T-3 (PP-K)	3	480	3	350A	-	6+2 GW	2/0 + #3	3"	
7(MDSB-A)	MDSB-A	ATS #1	3	480/277	3	300A	-	4+GW	250MCM + #4	3-1/2"	
8(MDSB-A)	MDSB-A	MCC-4E	3	480	3	400A	-	6+2 GW	#3/0 + #3	2-2"	
9(MDSB-A)	MDSB-A	MCC-LL	3	480	3	400A	-	6+2 GW	#3/0 + #3	2-2"	
10(MDSB-A)	MDSB-A	CHILLER	3	480	3	500A	-	6+2 GW	250 MCM + #2	2-2-1/2"	
11(MDSB-A)	MDSB-A	LP-SM	3	480	3	300A	-	8+2 GW	#4/0 + #3	2-2-1/2"	
12(MDSB-A)	MDSB-A	ATS #2 (ELEVATORS)	3	480	3	200A	-	3+GW	#3/0 + #6	2"	
13,14 (MDSB-A)	MDSB-A	EQUIPPED SPACE FOR 400A CB	3	480	-	-	-	-	-	-	

FEEDER SCHEDULE

FEEDER #	FROM	TO	SERVICE ϕ	SERVICE VOLTS	CB P.	CB TRIP	CB CLF	WIRING NO.	WIRING SIZE	WIRING C.	REMARKS
1(EDP-1)	EDP-1	ELP-2W	3	480/277	3	100A	-	4	#1	1-1/2"	
2(EDP-1)	EDP-1	ELP-3W	3	480/277	3	100A	-	4	#1	1-1/2"	
3(EDP-1)	EDP-1	T-4(EPP-1)	3	480	3	125A	-	3+GW	#1+#6	1-1/2"	
4(EDP-1)	EDP-1	ELP-G2	3	480/277	3	50A	-	4	#6	1"	
5(EDP-1)	EDP-1	FAN #13	3	480	3	15A	-	3+GW	#10 + #10	3/4"	
6(EDP-1)	EDP-1	UH #16	3	480	3	15A	-	3+GW	#10 + #10	3/4"	
7(EDP-1)	EDP-1	AHU #10	3	480	3	30A	-	3+GW	#8 + #10 #12 + #12	3/4"	
8(EDP-1)	EDP-1	GARAGE DOOR #2	3	480	3	15A	-	3+GW	#12 + #12	3/4"	
9(EDP-1)	EDP-1	GARAGE DOOR #1	3	480	3	15A	-	3+GW	#12 + #12	3/4"	
10(EDP-1)	EDP-1	AHU #9	3	480	3	30A	-	3+GW	#10 + #10 #8 + #10	3/4"	
11(EDP-1)	EDP-1	DRY PIPE AIR	3	480	3	15A	-	3+GW	#10 + #10	3/4"	
12(EDP-1)	EDP-1	AIR COMPRESSOR ATC	3	480	3	30A	-	3+GW	#10 + #10	3/4"	
13(EDP-1)	EDP-1	EMCC-4E	3	480	3	125A	-	3+GW	#1/0 + #6	2"	
14(EDP-1)	EDP-1	EAST U.H. HEAT TRACE	3	277	1	15A	-	2+GW	#12 + #12	3/4"	
15(EDP-1)	EDP-1	SANITARY HEAT TRACE	1	277	1	20A	-	2+GW	#10 + #10	3/4"	
16(EDP-1)	EDP-1	SANITARY HEAT TRACE	1	277	1	15A	-	2+GW	#10 + #10	½"	
17(EDP-1)	EDP-1	FAN #28	3	480	3	60A	-	3+GW	#8 + #10	1"	
		EQUIPPED SPACE	-	-	-	-	-	-	-	-	

LIGHTING FIXTURE SCHEDULE

TYPE	MOUNTING	LAMPS (1) NUMBER & TYPE	MANUFACTURER AND CATALOG NO.	NOTES
A	RECESSED 2 X 4	PHILIPS ULTRALUME 3-F40-T12-30U	COLUMBIA LIGHTING PARABOLUME 4543G-49-243-277 OR EQUIVALENT	PARABOLIC
A1	RECESSED 2 X 4	PHILIPS ULTRALUME 3-F40-T 12-30U	COLUMBIA LIGHTING 4000 PLUS SERIES, 4PS-2-G-52-24-3-277 OR EQUIVALENT	LENSED
B	~~deleted~~ RECESSED 1 X 4	~~PHILIPS ULTRALUME 2-F40-T12-30U~~	~~COLUMBIA LIGHTING CAT. NO. 4542G 49-142~~	~~PARABOLIC~~
B1	RECESSED 1X4	2-F40-T12-30UL	LITHONIA-LWR240	
C	SURFACE IN COVE 48"	PHILIP ULTRALUME F40T12/30U RS	SIMKAR CAT. NO. CHS-140-RS-HPF-277 VOLT	
C1	SURFACE IN COVE 36"	PHILIPS ULTRALUME F30T12/30U RS	SIMKAR CAT. NO. CHS 130-RS-HPF-277 VOLT	
C2	SURFACE 48"	PHILIPS ULTRALUME 1-F40 T-12-30U	COLUMBIA LIGHTING CAT. NO. FS-140-M4 OR EQUIVALENT	
D	RECESSED WALL SLOT W/WHITE METAL LOUVER	PHILIPS ULTRALUME F40-30U # OF TUBES AS REQ.	COLUMBIA LIGHTING CAT. no. AL11R-35-0000	
D1	RECESSED WALL SLOT W/PARABOLIC BAFFLE	PHILIPS ULTRALUME F40-30U # OF TUBES AS REQ.	COLUMBIA LIGHTING CAT. NO. AL11R-43-0000	
E2	RECESSED 5" DIAMETER	~~A19-100W (130V)~~	EDISON PRICE DARKLITE A19/5-COL	
F1	RECESSED 6" DIAMETER	~~A19-100W~~ (130V)	EDISON PRICE DARKLITE A19/55-WW-COL	
G	RECESSED 6" DIAMETER	A21-150W (130 V)	EDISON PRICE DARKLITE A21/6COL	
G1	RECESSED 6" DIAMETER	A21-150W (130 V)	EDISON PRICE DARKLITE A21/6WW COL	
G2	RECESSED 6" DIAMETER	A21-150W (130 V)	EDISON PRICE DARKLITE A21/6CWW COL	(1)
H	RECESSED 6" DIAMETER	Q150PAR38/FL (130 V)	EDISON PRICE DARKLITE 38/40/6AA COL	
H1	RECESSED 6" DIAMETER	150 PAR/BW	EDISON PRICE DARKLITE 38/40/6AA/BOL	
H2	RECESSED 6" DIAMETER	150 PAR 38/FL	RAMBUSCH RA-251-B	
J	RECESSED 5-1/4" DIAMETER	GE Q75MR16/SP(EYF)	EDISON PRICE DARKLITE MR16/4AA/15° REFLECTOR	
K	SEMI-RECESSED 3" 5/16 DIAMETER	Q150 DC	ELLIPTIPAR 1201-T	
L	RECESSED 7" SQUARE	GE HR100ORDX FL38 DELUX WHITE	NL CORPORATION M3320 - 277V	
M	RECESSED	Q150W PAR 38/FL	EDISON PRICE DL 38/6 COL/WF	
M1	RECESSED 4-3/4" SQUARE	100W A21 (130 V)	LITHONIA ESMB	(1)
N	DIRECT BURIAL UPLIGHT	Q150 PAR 38 FL	KIM LIGHTING CO. CAT. NO. 5101	
P1-P6	WALL SCONCE			(2)
Q1-Q6	CHANDELIER			(3)
Q7	EXISTING CHADALIER TO BE RELOCATED	-		
R	PICTURE LIGHTS	4-25W-T10 INCANDESCENT	HOUSE OF TROY (800)428-5367 TRADITIONAL PICTURE LIGHT 24"	(4)
S	WALL	MS/400 HOR/460/277	KIM 1W/EK6501/400MM 277/BL-E/HS/A25	MOUNT 20'-0" AFG.
S1	POLE (WITH 2 FIXTURES)	MS/400 V	KIM LIGHTING AFL6/400 M4277/DB-E/MTM-2B/DB-EPTSS40-71120 PT/DBE -A33	(5)
S2	PAD MOUNT	MS/250 HOR	KIM LIGHTING AFL6/250 MH 277/BL-E/FH2/BL-A/SM2 BL-E	(10)
S3	POLE MOUNT	150W A21 (130 V)	LOUIS POULSEN HW PATINA PAT-106-3001N	
S4	POLE MOUNT	MS/175 HOR	KIM LIGHTING WTC500/175MH 277/DB-E PB10-5125/DB-E	
S5	POLE MOUNT	MS/175 HOR	KIM LIGHTING WTC300/175MH 277/DB-E PB10-5125/DB-E	
S6	POLE MOUNT	MS/250 HOR	KIM LIGHTING CSB525/250MH 277/DB-E - PTRA20-6125FM/DBE	
S7	POLE MOUNT	MS/250 HOR	KIM LIGHTING CSB 325/250 MH 277/DB-E - PTRA20-6125FM/DBE	
S8	POLE MOUNT	MS/400 HR	KIM LIGHTING CSB525/400MH 277/DB-E PTRA30-7156FM/DB-E	
S9	POLE MOUNT	MS/400 HR	KIM LIGHTING CSB325/400MH 277/DB-E PTRA30-7156FM/DB-E	
S10	POLE MOUNT	MS/400 HR	KIM LIGHTING 2B/CCL525/400MH 277/DB-E/PTRA30-7156FB/ DBE	
S11	WALL MOUNT	150 A21 (130 V)	LOUIS POULSEN/MOORE DESIGN HW PATINA PAT-106-300-1N	(6)
T	SURFACE MOUNT	3-GE Q75MR16/FL	LIGHTOLIER QTY(1)-6001 (4' TRACK) QTY(3)-8172WH	
U	RECESSED	2-PL-2/9TT	LITHONIA LF-2/9TT-277-FL5	
V	SUSPENDED 1 x 4	2-F40 T12 CW	LITHONIA AF10-248-277	(7)
V1	SURFACE	4-T12-F40-30U	PRUDENTIAL LIGHTING P-104-48RS-277	

BID PACKAGE #3

Henry Adams, Inc.
Mech./Elect. Engineers

Faisant Associates, Inc.
Structural Engineers

Gaudreau, Inc.
Architects Planners Engineers
Baltimore
810 Light Street Baltimore Maryland 21230

CORPORATE HEADQUARTERS
McCormick & Company
LOVETON BUSINESS CENTER
BALTIMORE COUNTY, MARYLAND

REVISIONS NO.	DATE	DESCRIPTION
(A)	8-15-90	CONSTRUCTION SET
(A)	8-15-90	CDE-1

SCHEDULES

PROJ. NO. 8914.10

DWG. NO. E-15

DATE 4/11/90

H.A. JOB NO. M0179B0