THREE PHASE FEEDER LEGEND FOR COPPER CONDUCTORS

No.	AMP RATING	THREE WIRE WITH GROUND		No.	FOUR WIRE WITH GROUND	
		CONDUCTORS	CONDUIT		CONDUCTORS	CONDUIT
1	15	3 #12 & 1 #12 G	3/4"	1N	4 #12 & 1 #12 G	3/4"
2	20	3 #12 & 1 #12 G	3/4"	2N	4 #12 & 1 #12 G	3/4"
3	30	3 #10 & 1 #10 G	3/4"	3N	4 #10 & 1 #10 G	3/4"
4	40	3 #8 & 1 #10 G	3/4"	4N	4 #8 & 1 #10 G	1"
5	50	3 #6 & 1 #10 G	1"	5N	4 #6 & 1 #10 G	1-1/2"
6	60	3 #4 & 1 #10 G	1-1/2"	6N	4 #4 & 1 #10 G	1-1/2"
7	70	3 #4 & 1 #8 G	1-1/2"	7N	4 #4 & 1 #8 G	1-1/2"
8	80	3 #2 & 1 #8 G	1-1/2"	8N	4 #2 & 1 #8 G	1-1/2"
9	90	3 #2 & 1 #8 G	1-1/2"	9N	4 #2 & 1 #8 G	1-1/2"
10	100	3 #1 & 1 #8 G	1-1/2"	10N	4 #1 & 1 #8 G	2"
11	125	3 #1/0 & 1 #6 G	1-1/2"	11N	4 #1/0 & 1 #6 G	2"
12	150	3 #1/0 & 1 #6 G	1-1/2"	12N	4 #1/0 & 1 #6 G	2"
13	175	3 #2/0 & 1 #6 G	2"	13N	4 #2/0 & 1 #6 G	2"
14	200	3 #3/0 & 1 #6 G	2"	14N	4 #3/0 & 1 #6 G	2-1/2"
15	225	3 #4/0 & 1 #4 G	2-1/2"	15N	4 #4/0 & 1 #4 G	3"
16	250	3-350 KCM & 1 #4 G	3"	16N	4-350 KCM & 1 #4 G	3-1/2"
17	300	3-350 KCM & 1 #4 G	3"	17N	4-350 KCM & 1 #4 G	3-1/2"
18	350	3-500 KCM & 1 #2 G	3"	18N	4-500 KCM & 1 #2 G	3-1/2"
19	400	3-600 KCM & 1 #2 G	3-1/2"	19N	4-600 KCM & 1 #2 G	4"
20	500	6-350 KCM & 2 #2 G	(2)3"	20N	8-350 KCM & 2 #2 G	(2)3-1/2"
21	600	6-350 KCM & 2 #1 G	(2)3"	21N	8-350 KCM & 2 #1 G	(2)3-1/2"
22	800	6-600 KCM & 2 #1/0 G	(2)3-1/2"	22N	8-600 KCM & 2 #1/0 G	(2)4"
23	1000	9-500 KCM & 3 #2/0 G	(3)3"	23N	12-500 KCM & 3 #2/0 G	(3)3-1/2"
24	1200	9-600 KCM & 3 #3/0 G	(3)3-1/2"	24N	12-600 KCM & 3 #3/0 G	(3)4"

NOTE: VERIFY THAT TERMINATION POINTS CAN ACCOMMODATE THE FEEDER SIZES.

INTERIOR SPECIALTY LIGHTING FIXTURE SCHEDULE

REFER TO SPEC. SECTION 16512 FOR ADDITIONAL REQUIREMENTS

FIXT. TYPE	DESCRIPTION	MOUNTING	LAMP NO.	LAMP WATTS	LAMP TYPE	VOLTS	REMARKS	MAXIMUM INPUT WATTS
SWA	8" X 15" HIGH ABUSE WALL SCONCE WITH HIGH IMPACT ACRYLIC LENS AND HORIZONTAL CROSS BARS	WALL	1	32	CFTR32W/GX24Q/841	120/277		36
SWB	LINEAR RECESSED TRIMLESS FLUORESCENT LUMINAIRE WITH SATIN ACRYLIC LENS	WALL RECESSED	1	28	F28T5/841	120/277		32
SWC	18" ROUND DECORATIVE ROUND WALL SCONCE	WALL	2	26	CFQ26W/G24D/841	120/277		55
W1F	14" ROUND WALL SCONCE STAIRWELL COMPACT FLUORESCENT	WALL	2	26	CFQ26W/G24D/841	277	FIXTURE SHALL MATCH THE SAME TYPE INSTALLED ON PACKAGE H PROJECT	55
SSD	22" X 16" FLUSH MOUNTED FLUORESCENT FIXTURE WITH CURVED RECTANGULAR GLASS DIFFUSER	RECESSED	4	26	CFTR26W/GX24Q/841	120/277		108
SSE	17" X 12" FLUSH MOUNTED FLUORESCENT FIXTURE WITH CURVED RECTANGULAR GLASS DIFFUSER	RECESSED	2	26	CFTR26W/GX24Q841	120/277		54
W2E	EXTERIOR METAL HALIDE WALL MTD LUMINAIRE WITH CAST ALUMINUM HOUSING AND UP/DOWN DISTRIBUTION	WALL	1	70	M139/E	120/277	FIXTURE SHALL MATCH THE SAME TYPE INSTALLED ON PACKAGE H PROJECT	94
W2F	EXTERIOR METAL HALIDE WALL MTD LUMINAIRE WITH CAST ALUMINUM HOUSING AND DOWN DISTRIBUTION	WALL	1	70	M139/E	120/277	THIS FIXTURE IS THE COMPANION TO TYPE W2E INSTALLED ON PACKAGE H PROJECT	94

EXTERIOR LIGHTING FIXTURE SCHEDULE

REFER TO SPEC. SECTION 16521 FOR ADDITIONAL REQUIREMENTS

FIXT. TYPE	DESCRIPTION	MOUNTING	LAMP NO.	LAMP WATTS	LAMP TYPE	VOLTS	REMARKS	MAXIMUM INPUT WATTS
H5A	9 1/2" FLUORESCENT EXTERIOR DOWNLIGHT WITH PRISMATIC LENS	RECESSED	2	42	CFTR42W/GX24Q/841	120/277	PROVIDE COLD WEATHER BALLAST (-25F)	93

INTERIOR LIGHTING FIXTURE SCHEDULE

REFER TO SPEC. SECTION 16511 FOR ADDITIONAL REQUIREMENTS

FIXT. TYPE	DESCRIPTION	MOUNTING	LAMP NO.	LAMP WATTS	LAMP TYPE	VOLTS	REMARKS	MAXIMUM INPUT WATTS
F1A	2' FLUORESCENT UNDER CABINET FIXTURE W/SOLID FRONT	SURFACE	1	17	F17T8//841	277		17
F1B	3' FLUORESCENT UNDER CABINET FIXTURE W/SOLID FRONT	SURFACE	1	25	F25T8/841	277		24
F1C	4' FLUORESCENT UNDER CABINET FIXTURE W/SOLID FRONT	SURFACE	1	32	F32T8/841	277		30
F2A	2'x2' FLUORESCENT PRISMATIC LENS 6" RADIUS, 2 U-LAMP, GRID CEILING	RECESSED	2	32	F32T8/841	120/277		58
F2J	2'x2' FLUORESCENT PRISMATIC LENS 6" RADIUS, 2 U-LAMP, GYPBOARD CEILING	RECESSED	2	32	F32T8/841	120/277		58
F2K	2'x2' FLUORESCENT WET LOCATION TROFFER	RECESSED	2	32	F32T8/841	120/277		58
F3A	2'x4' FLUORESCENT PRISMATIC LENS 2 LAMP, GRID CEILING	RECESSED	2	32	F32T8/841	120/277		58
F3B	2'x4' FLUORESCENT PRISMATIC LENS 3 LAMP, GRID CEILING	RECESSED	3	32	F32T8/841	120/277		87
F4G	1'x4' MEDIUM SECURITY, 3 LAMP, FLUORESCENT TROFFER, GYP CEILING	RECESSED	3	32	F32T8/841	120/277		87
F4H	1'x4' MEDIUM SECURITY, 3 LAMP, FLUORESCENT TROFFER, GRID CEILING	RECESSED	3	32	F32T8/841	120/277		87
F7D	4'-0" NARROW SLOT FLUORESCENT WITH WHITE DIFFUSE LENS, GYP. CEILING	RECESSED	1	28	F28T5/841	120/277		32
F7E	4'-0" NARROW SLOT FLUORESCENT WITH WHITE DIFFUSE LENS, GRID CEILING	RECESSED	1	28	F28T5/841	120/277		32
F7G	6" X 4' LINEAR FLUORESCENT WITH ACRYLIC LENS, GYPBOARD CEILING	RECESSED	1	32	F32T8/841	120/277		30
F7H	6" X 4' LINEAR FLUORESCENT WITH ACRYLIC LENS, GRID CEILING	RECESSED	1	32	F32T8/841	120/277		30
F7J	6" X 4' LINEAR FLUORESCENT WITH ACRYLIC LENS, GRID CEILING	RECESSED	2	32	F32T8/841	120/277		58
F7K	6" X 4' LINEAR FLUORESCENT WITH ACRYLIC LENS, GYP CEILING	RECESSED	2	32	F32T8/841	120/277		58
F8A	2' FLUORESCENT WALL SLOT W/ ACRYLIC LENS	RECESSED	2	17	F17T8/841	120/277		30
F8B	3' FLUORESCENT WALL SLOT W/ ACRYLIC LENS	RECESSED	2	25	F25T8/841	120/277		44
F8C	4' FLUORESCENT WALL SLOT W/ ACRYLIC LENS	RECESSED	2	32	F32T8/841	120/277		58
F8D	3' COVE LIGHT MTD. INSIDE ARCHITECTURAL COVE W/ ASYMMETRIC DISTRIBUTION	COVE	1	21	F21T5/841	120/277		24
F8E	4' COVE LIGHT MTD INSIDE ARCHITECTURAL COVE W/ ASYMMETRIC DISTRIBUTION	COVE	1	28	F28T5/841	120/277		32
F8F	2' FLUORESCENT RECESSED PERIMETER WALL WASH W/WHITE ACRYLIC LENS & STAGGERED LAMPS	RECESSED	2	17	F17T8/841	120/277		30
F8G	3' FLUORESCENT RECESSED PERIMETER WALL WASH W/WHITE ACRYLIC LENS & STAGGERED LAMPS	RECESSED	2	25	F25T8/841	120/277		44
F8H	4' FLUORESCENT RECESSED PERIMETER WALL WASH W/WHITE ACRYLIC LENS & STAGGERED LAMPS	RECESSED	2	32	F32T8/841	120/277		58
F8J	2' FLUORESCENT OPEN WALL SLOT WALL WASH	RECESSED	1	17	F17T8/841	120/277		17
F8K	3' FLUORESCENT OPEN WALL SLOT WALL WASH	RECESSED	1	25	F25T8/841	120/277		22
F8L	4' FLUORESCENT OPEN WALL SLOT WALL WASH	RECESSED	1	32	F32T8/841	120/277		30
F8Y	4' FLUORESCENT LINEAR WALL WASH W/SPECULAR ASYMETRIC REFLECTOR & 2" APERTURE	RECESSED	1	28	F28T5/841	120/277		32
F8Z	4' FLUOR. LINEAR WALL WASH W/SPECULAR ASYMMETRIC REFLECTOR & 2" APERTURE, GYP CEILING	RECESSED	1	28	F28T5/841	120/277		32
F9A	2'x2' FLUORESCENT SURGICAL TROFFER W/SYMMETRIC/ASYMMETRIC ACRYLIC LENS	RECESSED	4	17	F17T8/850	277		60
F9B	2'X4' FLUORESCENT SURGICAL TROFFER W/SYMMETRIC/ASYMMETRIC ACRYLIC LENS	RECESSED	6	32	F32T8/850	277		174
F9D	4' LINEAR FLUORESCENT EXAM LIGHT WITH ASYMETRIC DISTRIBUTION AND CLEAR LENS	RECESSED	1	54	F54T5HO/841	120/277		62
FA1	2'x2' FLUORESCENT DIRECT/INDIRECT ROUND PERFORATED CENTER BASKET	RECESSED	2	40	FT40W/2G11/RS/841	277		78
FB3	2'x4' FLUORESCENT DIRECT/INDIRECT ROUND PERFORATED CENTER BASKET	RECESSED	3	32	F32T8/841	120/277		87
FH3	2'x2' FLUORESCENT WITH HIGH EFFICIENT ENHANCED ACRYLIC LENS	RECESSED	2	14	F14T5/841	120/277		34
FH4	2'x2' FLUORESCENT WITH HIGH EFFICIENT ENHANCED ACRYLIC LENS AND STEP DIMMING	RECESSED	2	14	F14T5/841	120/277	PROVIDE STEP DIMMING BALLAST FOR DUAL SWITCHING AS INDICATED ON PLANS	34
FH5	2'x2' FLUORESCENT WITH HIGH EFFICIENT ENHANCED ACRYLIC LENS, GYP CEILING	RECESSED	2	14	F14T5/841	120/277		34
FJ2	2'x4' FLUORESCENT WITH HIGH EFFICIENT ENHANCED ACRYLIC LENS AND STEP DIMMING	RECESSED	2	28	F28T5/841	120/277	PROVIDE STEP DIMMING BALLAST FOR DUAL SWITCHING AS INDICATED ON PLANS	63
FJ4	2'x4' FLUORESCENT WITH HIGH EFFICIENT ENHANCED ACRYLIC LENS	RECESSED	2	54	F54T5HO/841	120/277	FURNISH WITH 2-BALLASTS FOR DUAL SWITCHING AS INDICATED ON PLANS	117
FPA	4' FLUORESCENT INDUSTRIAL STRIP WITH 20% UPLIGHT	PENDANT	2	32	F32T8/841	120/277		58
FPD	3' FLUORESCENT SPECIFICATION GRADE STRIP	PENDANT	2	25	F25T8/841	120/277		44
FPE	4' FLUORESCENT SPECIFICATION GRADE STRIP	PENDANT	2	32	F32T8/841	120/277		58
FPP	4' FLUORESCENT DIRECT/INDIRECT PENDANT, DIMMABLE	PENDANT	2	28	F28T5/841	120/277		63
FPQ	4'-0" NARROW LINEAR FLUORESCENT PENDANT WITH WHITE DIFFUSE LENS	PENDANT	1	28	F28T5/841	120/277		32
FPR	6'-0" NARROW LINEAR FLUORESCENT PENDANT WITH WHITE DIFFUSE LENS	PENDANT	2	21	F21T5/841	120/277		48
FPS	8'-0" NARROW LINEAR FLUORESCENT PENDANT WITH WHITE DIFFUSE LENS	PENDANT	2	28	F28T5/841	120/277		63
FSA	2' FLUORESCENT NARROW STRIP FIXTURE, 1 LAMP	SURFACE	1	17	F17T8/841	120/277		17
FSB	3' FLUORESCENT NARROW STRIP FIXTURE, 1 LAMP	SURFACE	1	25	F25T8/841	120/277		24
FSC	4' FLUORESCENT NARROWSTRIP FIXTURE, 1 LAMP	SURFACE	1	32	F32T8/841	120/277		30
FWR	2' FLUORESCENT DIRECT/INDIRECT WALL BRACKET WITH PARABOLIC BLADE BAFFLE AND ACRYLIC DUST COVER	WALL	2	17	F17T8/835	120/277		30
FWS	60"-0" NARROW LINEAR FLUORESCENT WALL BRACKET WITH SOLID TOP AND WHITE DIFFUSE LENS	WALL	15	28	F28T5/841	120/277	INSTALLED IN A CONTINUOUS ROW	480
FW1	9' FLUORESCENT INDIRECT LINEAR WALL FIXTURE SYSTEM	SURFACE	_	_	T8/841	120/277	LAMP LENGTHS AND QUANTITIES SHALL BE COORDINATED WITH MANUFACTURER	66
FW2	10' FLUORESCENT INDIRECT LINEAR WALL FIXTURE SYSTEM	SURFACE	_	_	T8/841	120/277	LAMP LENGTHS AND QUANTITIES SHALL BE COORDINATED WITH MANUFACTURER	79
FW3	12' FLUORESCENT INDIRECT LINEAR WALL FIXTURE SYSTEM	SURFACE	_	_	T8/841	120/277	LAMP LENGTHS AND QUANTITIES SHALL BE COORDINATED WITH MANUFACTURER	84
FW4	14' FLUORESCENT INDIRECT LINEAR WALL FIXTURE SYSTEM	SURFACE	_	_	T8/841	120/277	LAMP LENGTHS AND QUANTITIES SHALL BE COORDINATED WITH MANUFACTURER	99

INTERIOR LIGHTING FIXTURE SCHEDULE

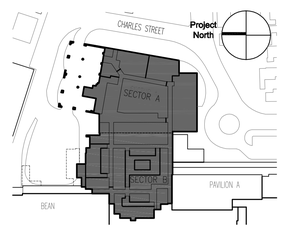
REFER TO SPEC. SECTION 16511 FOR ADDITIONAL REQUIREMENTS

FIXT. TYPE	DESCRIPTION	MOUNTING	LAMP NO.	LAMP WATTS	LAMP TYPE	VOLTS	REMARKS	MAXIMUM INPUT WATTS
FW5	15' FLUORESCENT INDIRECT LINEAR WALL FIXTURE SYSTEM	SURFACE	_	_	T8/841	120/277	LAMP LENGTHS AND QUANTITIES SHALL BE COORDINATED WITH MANUFACTURER	106
FW6	16' FLUORESCENT INDIRECT LINEAR WALL FIXTURE SYSTEM	SURFACE	_	_	T8/841	120/277	LAMP LENGTHS AND QUANTITIES SHALL BE COORDINATED WITH MANUFACTURER	112
FW7	17' FLUORESCENT INDIRECT LINEAR WALL FIXTURE SYSTEM	SURFACE	_	_	T8/841	277	LAMP LENGTHS AND QUANTITIES SHALL BE COORDINATED WITH MANUFACTURER	121
RAA	8" FLUORESCENT PRISMATIC LENSED DOWNLIGHT	RECESSED	1	42	CFTR42W/GX24Q/841	120/277		46
RAE	8" FLUORESCENT OPEN DOWNLIGHT	RECESSED	1	42	CFTR42W/GX24Q/841	120/277		46
RBA	8" FLUORESCENT PRISMATIC LENSED DOWNLIGHT	RECESSED	1	32	CFTR32W/GX24Q/841	120/277		36
RBD	8" FLUORESCENT LENSED WALL WASHER W/ DIMMING BALLAST	RECESSED	1	32	CFTR32W/GX24Q/841	277	PROVIDE DIMMING BALLAST	36
RBF	8" FLUORESCENT OPEN DOWNLIGHT W/ DIMMING BALLAST	RECESSED	1	32	CFTR32W/GX24Q/841	277	PROVIDE DIMMING BALLAST	36
RCA	8" FLUORESCENT PRISMATIC LENSED DOWNLIGHT	RECESSED	1	26	CFTR26W/GX24Q/841	120/277		29
RCE	8" FLUORESCENT OPEN DOWNLIGHT	RECESSED	1	26	CFTR26W/GX24Q/841	120/277		29
RCG	8" FLUORESCENT OPEN WALL WASHER	RECESSED	1	26	CFTR26W/GX24Q/841	120/277		29
RGA	6" PRISMATIC LENSED DOWNLIGHT	RECESSED	1	32	CFTR32W/GX24Q/841	120/277		36
RHE	4" FLUORESCENT OPEN DOWNLIGHT	RECESSED	1	18	CFTR18W/GX24Q/841	120/277		20
RJH	8" INCANDESCENT LENSED DOWNLIGHT WITH REGRESSED PRISMATIC GASKETED LENS.	RECESSED	1	150	150W/A21/99/XL	120		150
RNA	SHOWER LIGHT W/ FRESNEL LENS	RECESSED	1	32	CFTR32W/GX24Q/841	120/277		36
RTA	10" FLUORESCENT VANDAL RESISTANT DOWNLIGHT WITH HIGH STRENGTH ACRYLIC LENS	RECESSED	2	32	CFTR32W/GX24Q/841	120/277		68
RTB	6" FLUOR. VANDAL RESISTANT DOWNLIGHT W/HIGH STRENGTH ACRYLIC LENS	RECESSED	1	32	CFTR32W/GX24Q/841	120/277		36
D1D	IN-USE SIGNAGE "X-RAY IN USE"	CEILING	_	3	L.E.D.	120/277	WIRED VIA RELAY. REFER TO DETAIL ON DRAWING E801.	3
E1A	EXIT SIGN, SINGLE FACE POLYCARBONATE HOUSING	CEILING	_	3	L.E.D	120/277		3
E1B	EXIT SIGN -DUAL FACE POLYCARBONATE HOUSING	CEILING	_	3	L.E.D	120/277		3
E1C	EDGE LIT EXIT SIGN, SINGLE FACE	CEILING	_	3	L.E.D.	120/277		3
E1D	EDGE LIT EXIT SIGN, DUAL FACE	CEILING	_	3	L.E.D.	120/277		3
E1E	HIGH ABUSE, EXIT SIGN - SINGLE FACE	CEILING	_	3	L.E.D.	120/277		3

General Notes:

MARK	ISSUE DATE	DESCRIPTION
BID	12/14/07	BID SET

Issue Log



Key Plan

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Portland, Maine MMC Project No. 21843

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ELECTRICAL SCHEDULES

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