

ELECTRICAL LEGEND

GENERAL NOTES

- THE WORK TO BE DONE SHALL INCLUDE THE FURNISHING OF ALL LABOR, MATERIALS, APPLIANCES, EQUIPMENT, TOOLS, TRANSPORTATION, SUPERINTENDENTS AND SERVICES REQUIRED TO CONSTRUCT, INSTALL AND TO MODIFY THE ELECTRICAL SYSTEMS AS HEREIN SPECIFIED AND SHOWN ON THESE DRAWINGS FOR A COMPLETE OPERATIONAL SYSTEM. COORDINATE WORK TO BE PERFORMED OR INSTALLED BY OTHERS AFFECTING THE ELECTRICAL WORK AND PROVIDE AND INSTALL ALL NECESSARY ANCHORS, SLEEVES, HANGERS, ETC. FOR ATTACHING OR CONNECTING ELECTRICAL WORK TO RELATED WORK OF OTHER TRADES.
- ALL ELECTRICAL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE LATEST ADOPTED NATIONAL ELECTRICAL CODE AND ALL OTHER LOCAL CODES AND AUTHORITIES HAVING JURISDICTION.
- THE DRAWINGS, WHICH CONSTITUTE A PART OF THIS CONTRACT, INDICATE THE GENERAL ARRANGEMENT OF CIRCUITS AND LOCATIONS OF OUTLETS, SWITCHES, PANELBOARDS, CONDUIT AND OTHER WORK. ALL ITEMS NOT SPECIFICALLY MENTIONED HEREIN, WHICH ARE ACCESSORY TO MAKE A COMPLETE WORKING INSTALLATION, SHALL BE INCLUDED AT NO EXTRA COST.
- IT SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR TO EXAMINE AND TO COORDINATE WITH THE ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING AND FIRE PROTECTION DRAWINGS AND THE DRAWINGS OF ALL OTHER TRADES IN ORDER TO BECOME FAMILIAR WITH ALL ASPECTS OF THE DESIGN AFFECTING THE ELECTRICAL WORK.
- CONTRACTOR SHALL COORDINATE MOUNTING HEIGHTS AND LOCATIONS OF ALL NEW ELECTRICAL DEVICES WITH ARCHITECTURAL ELEVATIONS AND DRAWINGS PRIOR TO COMMENCEMENT OF WORK. DEVICES INCLUDE BUT ARE NOT LIMITED TO RECEPTACLES, SWITCHES, FIXTURES AND TELE/DATA OUTLETS.
- ALL ELECTRICAL MATERIALS SHALL BE NEW EXCEPT WHERE SPECIFICALLY NOTED AS EXISTING TO BE REUSED. ALL MATERIAL SHALL BE LISTED BY THE UNDERWRITERS LABORATORIES, INC. (UL). DEFECTIVE EQUIPMENT AND/OR EQUIPMENT DAMAGED DURING INSTALLATION AND/OR TESTING SHALL BE REPLACED OR REPAIRED IN A MANNER MEETING THE APPROVAL OF THE ARCHITECT AND THE ENGINEER. WHERE APPLICABLE, ALL EQUIPMENT SHALL BE IN ACCORDANCE WITH NEMA STANDARDS.
- ALL WORK SHALL BE SUBJECT TO THE APPROVAL OF THE OWNER OR OWNER'S AUTHORIZED REPRESENTATIVE.
- ALL WORK SHALL BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER.
- INSTALL A FIRE STOP OF ROCKWOOL FIBER OR SILICON FOAM SEALANT TO PROVIDE AN EFFECTIVE BARRIER AGAINST THE SPREAD OF FIRE AND SMOKE WHERE CONDUITS, WIREWAYS, AND OTHER ELECTRICAL RACEWAYS PASS THROUGH FIRE RATED PARTITIONS AND/OR SLABS.
- ALL CERTIFICATES OF APPROVAL SHALL BE IN TRIPLICATE, DELIVERED TO THE ENGINEER, AND BECOME THE PROPERTY OF THE OWNER.
- CONTRACTOR SHALL VERIFY ALL EQUIPMENT REQUIREMENTS BEFORE INSTALLING CONDUIT OR CONDUCTORS FROM POWER SOURCE TO EQUIPMENT TERMINATION.
- THE CONTRACTOR SHALL X-RAY SLAB IN AREA OF PENETRATION PRIOR TO CORE DRILLING AND COORDINATE WITH EQUIPMENT IN CEILING SPACE BELOW TO CHECK FOR OBSTRUCTIONS.
- CONDUCTOR INSTALLATION: HOMERUNS TO THE PANELBOARD MAY BE RUN TOGETHER IN ONE CONDUIT.
- PROVIDED ALL CONNECTIONS ARE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND LOCAL ELECTRICAL CODE REQUIREMENTS, AND THE MAXIMUM UNBALANCED CURRENT IN NEUTRAL DOES NOT EXCEED THE CAPACITY OF THE WIRE, NO MORE THAN 3 SINGLE PHASE CIRCUIT SHALL BE INSTALLED IN ONE RACEWAY. ELIMINATE SPLICES WHEREVER POSSIBLE, AND WHERE NECESSARY, SPLICE IN READILY ACCESSIBLE PULL, JUNCTION OR OUTLET BOX.
- MODIFICATIONS TO EXISTING PANELBOARDS: THE ELECTRICAL CONTRACTOR SHALL PROVIDE NEW CIRCUIT BREAKERS AND/OR FUSED SWITCHES AS REQUIRED. NEW EQUIPMENT SHALL MATCH EXISTING INSTALLED EQUIPMENT AND SHALL BE OF THE SAME MANUFACTURER AND TYPE AS SIMILAR EXISTING EQUIPMENT. INTERRUPT RATING OF EQUIPMENT SHALL BE THE SAME AS OF THE EXISTING EQUIPMENT.
- INTERRUPTION OF ELECTRICAL POWER: THE ELECTRICAL CONTRACTOR SHALL COORDINATE ALL WORK REQUIRING INTERRUPTION OF ELECTRICAL POWER WITH THE BUILDING OWNER AND SHALL OBTAIN WRITTEN PERMISSION FROM THE BUILDING OWNER PRIOR TO SHUTTING DOWN POWER TO ANY SWITCHBOARD. THE CONTRACTOR SHALL ALSO PROVIDE NOTICE TO ALL OTHER TRADES OF ALL SCHEDULED INTERRUPTIONS OF POWER.
- SITE VISIT: PRIOR TO SUBMITTING HIS BID, THE ELECTRICAL CONTRACTOR SHALL VISIT THE SITE AND FAMILIARIZE HIMSELF WITH ALL EXISTING CONDITIONS. THE ELECTRICAL CONTRACTOR SHALL NOTIFY THE ARCHITECT AND/OR ENGINEER IN ADVANCE OF ANY CONDITIONS THAT EXIST THAT WOULD PREVENT THE WORK HEREIN SPECIFIED OR SHOWN ON THE DRAWINGS FROM BEING PERFORMED. FAILURE TO SURVEY THE SITE PRIOR TO BID AND START OF CONSTRUCTION WILL NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY TO INSTALL DESIGN WITHIN THE CONFINES OF THE EXISTING CONDITIONS.

ELECTRICAL LEGEND

GENERAL NOTES

- GUARANTEE: THE ELECTRICAL CONTRACTOR SHALL LEAVE THE ENTIRE ELECTRICAL SYSTEM INSTALLED UNDER THIS CONTRACT IN PROPER WORKING ORDER AND SHALL, WITHOUT CHARGE, REPLACE ANY WORK OR MATERIALS WHICH DEVELOP DEFECTS, EXCEPT FROM ORDINARY WEAR AND TEAR, WITHIN ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE. BENEFICIAL USE SHALL NOT BE CONSTRUED AS FINAL ACCEPTANCE. THE ELECTRICAL CONTRACTOR SHALL, DURING THE ONE YEAR GUARANTEE PERIOD, BE RESPONSIBLE FOR THE PROPER REPAIR AND ADJUSTMENTS OF ALL ELECTRICAL SYSTEMS AND EQUIPMENT, APPARATUS, DEVICES, ETC., INSTALLED BY HIM, AND DO ALL WORK NECESSARY TO ENSURE EFFICIENT AND PROPER FUNCTIONING. PRIOR TO THE EXPIRATION OF THE GUARANTEE PERIOD, APPROXIMATELY 11 MONTHS AFTER FINAL ACCEPTANCE OF THIS PROJECT, A POST CONSTRUCTION REVIEW OF THE PROJECT WILL BE MADE.
- THE CONTRACTOR SHALL FURNISH PERSONNEL TO ASSIST THE OWNER IN THIS REVIEW, ANY ADJUSTMENTS, REPAIRS OR REPLACEMENTS FOUND NECESSARY DURING REVIEW SHALL BE DONE BY THE CONTRACTOR, AT NO ADDITIONAL COST TO THE OWNER.
- THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR, AND SHALL INCUR FINANCIAL RESPONSIBILITY FOR ANY DAMAGES CAUSED BY, OR RESULTING FROM, DEFECTS IN HIS WORK.
- THE ELECTRICAL CONTRACTOR SHALL MAINTAIN AT THE SITE, FOR THE OWNER, ONE COPY OF ALL DRAWINGS, ADDENDA, APPROVED SHOP DRAWINGS, REVISIONS AND OTHER MODIFICATIONS, IN GOOD ORDER AND MARKED TO RECORD ALL CHANGES MADE DURING CONSTRUCTION. THE SET OF DRAWINGS AND OTHER INFORMATION SHALL BE DELIVERED TO THE OWNER AND ONE COPY GIVEN TO THE ENGINEER UPON COMPLETION OF WORK.
- ALL CONDUCTORS SHALL BE COPPER, CONFORMING TO THE LATEST REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE, STRANDED FOR NO. 8 AWG AND LARGER, SOLID FOR NO. 10 AWG AND SMALLER.
- ALL WIRING SHALL BE INSTALLED IN CONDUIT (EMT WITH STEEL COMPRESSION FITTINGS OR TYPE MC CABLE WHERE ALLOWED BY CODE). MINIMUM CONDUIT SIZE SHALL BE 3/4". ALL CONDUIT AND WIRING SHALL BE CONCEALED IN CEILINGS AND/OR WALLS UNLESS SPECIFICALLY NOTED OTHERWISE. CHANNEL EXISTING WALLS WHERE REQUIRED. WHERE WIRING RUNS ARE EXPOSED DUE TO THE LACK OF A NEW FINISHED CEILING, EMT SHALL BE USED. INSTALL ALL CONDUITS IN RUNS WHICH ARE PARALLEL AND PERPENDICULAR WITH BUILDING LINES.

ELECTRICAL LEGEND

POWER

- NOTES: REFER TO ARCHITECTURAL DRAWINGS AND ELEVATIONS FOR EXACT LOCATION AND MOUNTING HEIGHTS.
- WP: WEATHER PROOF (NEMA 3R)
- IG: ISOLATED GROUND.
- GFI: GROUND FAULT INTERRUPTER.
- ⊕ WALL MOUNTED 20A DUPLEX RECEPTACLE. (18" AFF UON).
- ⊕ WALL 20A QUADRUPLX RECEPTACLE. (18" AFF UON).
- ⊕ FLOOR MOUNTED 20A QUADRUPLX RECEPTACLE.
- ⊕ CEILING MOUNTED JUNCTION BOX.
- ⊕ WALL MOUNTED JUNCTION BOX.
- ⊕ DISCONNECT SWITCH - NON-FUSED.
- ⊕ FUSED DISCONNECT SWITCH. FUSE SIZE PER PLANS.
- ⊕ COMBINATION STARTER/DISCONNECT SWITCH.
- ⊕ MOTOR. REFER TO MECHANICAL PLANS FOR HORSEPOWER.
- SURFACE MOUNTED PANEL.
- ⊕ ENCLOSED CIRCUIT BREAKER.

GENERAL

- ⊕ INDICATES PLAN NOTE.
- ⊕ INDICATES REVISION. CLOUDED AREA CONTAINS THE REVISION.
- # INDICATES ROOM NUMBER.
- ↪ BRANCH CIRCUIT HOMERUN
- GROUND

ELECTRICAL LEGEND

ABBREVIATIONS

A, AMP	AMPERES	G, GND	GROUND
AB	ABOVE	GC	GENERAL CONTRACTOR
AC	ALTERNATE CURRENT	GFI	GROUND FAULT INRRUPTER
AFF	ABOVE FINISHED FLOOR	IG	ISOLATED GROUND
ARCH	ARCHITECTURAL ARCHITECT	INCAND	INCANDESCENT
BEL	BELOW	KAIC	KILOAMP INTERRUPTING CURRENT
BKR	BREAKER	KVA	KILOVOLT AMPERES
C	CONDUIT	KW	KILOWATTS
CEIL	CEILING	LT(S)	LIGHT(S)
CKT	CIRCUIT	M	METER
CM	CENTIMETER	MCS	ENCLOSED MOLDED CASE SWITCH
DC	DIRECT CURRENT	MECH	MECHANICAL
DIS	DISCONNECT SWITCH	MH	MOUNTING HEIGHT
DISC	DISCONNECT SWITCH	MLO	MAIN LUGS ONLY
DWG	DRAWING	MM	MILLIMETER
EC	ELECTRICAL CONTRACTOR	MTD	MOUNTED
EF	EXHAUST FAN	NEC	NATIONAL ELECTRICAL CODE
ELEC	ELECTRICAL	NO.#	NUMBER
EM	EMERGENCY	NTS	NOT TO SCALE
EQUIP	EQUIPMENT	P	POLE
EXIST	EXISTING	PH, Ø	PHASE
FA	FIRE ALARM	PNL	PANEL
FACP	FIRE ALARM CONTROL PANEL	RECEP	RECEPTACLE
FAAP	FIRE ALARM ANNUNCIATOR PANEL	RM	ROOM
FIXT	FIXTURE	TELE	TELEPHONE
FLA	FULL LOAD AMPERES	TYP	TYPICAL
FLUOR	FLUORESCENT	UON	UNLESS OTHERWISE NOTED
		V	VOLTS
		W	WATTS
		WI	WITH
		WP	WEATHERPROOF

LIGHTING

- NOTE: REFER TO LIGHTING FIXTURE SCHEDULE FOR FIXTURE TYPES.
- A: CAPITAL LETTER ADJACENT TO FIXTURE INDICATES TYPE.
- a: LOWER CASE LETTER INDICATES SWITCHING.
- NL: INDICATES NIGHT LIGHTING - UNSWITCHED FIXTURE.
- SHADED CIRCLE INDICATES FIXTURE ON EMERGENCY CIRCUIT.
- WALL MOUNTED FIXTURE.
- POLE MOUNTED FIXTURE - SINGLE HEAD.
- ⊕ EMERGENCY BATTERY PACK LIGHT FIXTURE.
- ⊕ CEILING/WALL MOUNTED EXIT SIGN - SINGLE FACE. PROVIDE DIRECTIONAL ARROWS PER PLANS.
- ⊕ CEILING/WALL MOUNTED EXIT SIGN - DOUBLE FACE. PROVIDE DIRECTIONAL ARROWS PER PLANS.
- S 20A, 1P, 120V TOGGLE TYPE LIGHT SWITCH.
- B, S 20A, 1P, 120V KEY OPERATED LIGHT SWITCH.
- S LV LOW VOLTAGE LIGHT SWITCH.
- SM TOGGLE TYPE MOTOR STARTER WITH THERMAL OVERLOAD PROTECTION.
- ⊕ WALL MOUNTED OCCUPANCY SENSOR. WATTSTOPPER DW-100 OR APPROVED EQUAL.
- ⊕² DUAL RELAY WALL MOUNTED OCCUPANCY SENSOR. WATTSTOPPER DW-200 OR APPROVED EQUAL.
- ⊕ CEILING MOUNTED OCCUPANCY SENSOR. WATTSTOPPER DT-355 OR APPROVED EQUAL.
- ⊕ CEILING MOUNTED DAYLIGHT SENSOR.
- ⊕ HIGH BAY LINE VOLTAGE PASSIVE INFRARED OCCUPANCY SENSOR WITH PROTECTIVE CAGE. WATTSTOPPER HB340B-L3 WITH PROTECTIVE CAGE OR APPROVED EQUAL.

LIGHTING FIXTURE SCHEDULE

TYPE	SYMBOL	DESCRIPTION	MANUFACTURER AND CATALOG NUMBER	LAMP DATA			VOLTS	NOTES
				NO.	WATTS	TYPE		
A	○	6" LED RECESSED DOWNLIGHT	ATLANTIC LIGHTING LED6-DLM20-35K-2	-	20	LED	277	NOTE 1
B	—	LED STRIPS MOUNTED ABOVE ACOUSTICAL PANELS.	CALI ALS450T-XX-LED-3.5K-30D-6W-DRY-XX*	-	6W/FT	LED	277	NOTE 1,2,3

GENERAL NOTES:

- EQUAL LIGHTING FIXTURE MANUFACTURERS WILL BE CONSIDERED.
- SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF FIXTURES.

SPECIFIC NOTES:

- FINAL SELECTION OF LIGHT FIXTURE ARE TO BE PROVIDED BY THE ARCHITECT. THESE FIXTURES ARE SUGGESTED LIGHT FIXTURE FOR THE APPLICATION INTENDED.
- FIXTURE LENGTH SHALL BE PER DRAWING. COORDINATE WITH ARCHITECT FOR EXACT SIZE.
- COORDINATE WITH ARCHITECT FOR FINISH.

OWNER

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 DEPARTMENT OF GENERAL SERVICES
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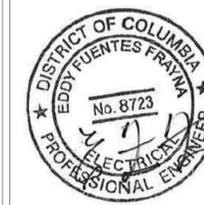
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SUBMISSION SCHEDULE DATE

1 PERMIT SET 07-17-2015

REVISION SCHEDULE DATE

NO DESCRIPTION

PROJECT:

DYRS GYMNASIUM RENOVATION

1000 MOUNT OLIVET ROAD, NE
 WASHINGTON, DC 20002

SHEET TITLE:

ELECTRICAL COVER SHEET

PROJECT NO: 1310

JULY 17, 2015

SCALE:

SHEET NO:

E001

PANELBOARD NAME: 2103-01 (EXISTING)											
VOLTAGE: 480Y/277V BUS RATING: 600A POLES: 42 MINIMUM A.I.C. RATING (A): EXISTING											
PKT	LOAD	LOAD DESCRIPTION	TYPE	NO.	PHASE	LOAD (VA)					
1	M	EF 13		1	A	1000	3000				
2	M	FF-CP-A		1	B	1000	3000				
3	M	FF-CP-B		1	C	1000	3000				
4	M	FF-CP-C		1	A	1000	3000				
5	M	FF-CP-D		1	B	1000	3000				
6	M	FF-CP-E		1	C	1000	3000				
7	M	FF-CP-F		1	A	1000	3000				
8	M	FF-CP-G		1	B	1000	3000				
9	M	FF-CP-H		1	C	1000	3000				
10	M	FF-CP-I		1	A	1000	3000				
11	M	FF-CP-J		1	B	1000	3000				
12	M	FF-CP-K		1	C	1000	3000				
13	M	FF-CP-L		1	A	1000	3000				
14	M	FF-CP-M		1	B	1000	3000				
15	M	FF-CP-N		1	C	1000	3000				
16	M	FF-CP-O		1	A	1000	3000				
17	M	FF-CP-P		1	B	1000	3000				
18	M	FF-CP-Q		1	C	1000	3000				
19	M	FF-CP-R		1	A	1000	3000				
20	M	FF-CP-S		1	B	1000	3000				
21	M	FF-CP-T		1	C	1000	3000				
22	M	FF-CP-U		1	A	1000	3000				
23	M	FF-CP-V		1	B	1000	3000				
24	M	FF-CP-W		1	C	1000	3000				
25	M	FF-CP-X		1	A	1000	3000				
26	M	FF-CP-Y		1	B	1000	3000				
27	M	FF-CP-Z		1	C	1000	3000				
28	M	FF-CP-AA		1	A	1000	3000				
29	M	FF-CP-AB		1	B	1000	3000				
30	M	FF-CP-AC		1	C	1000	3000				
31	M	FF-CP-AD		1	A	1000	3000				
32	M	FF-CP-AE		1	B	1000	3000				
33	M	FF-CP-AF		1	C	1000	3000				
34	M	FF-CP-AG		1	A	1000	3000				
35	M	FF-CP-AH		1	B	1000	3000				
36	M	FF-CP-AI		1	C	1000	3000				
37	M	FF-CP-AJ		1	A	1000	3000				
38	M	FF-CP-AM		1	B	1000	3000				
39	M	FF-CP-AN		1	C	1000	3000				
40	M	FF-CP-AO		1	A	1000	3000				
41	M	FF-CP-AP		1	B	1000	3000				
42	M	FF-CP-AQ		1	C	1000	3000				
43	M	FF-CP-AR		1	A	1000	3000				
44	M	FF-CP-AS		1	B	1000	3000				
45	M	FF-CP-AT		1	C	1000	3000				
46	M	FF-CP-AU		1	A	1000	3000				
47	M	FF-CP-AV		1	B	1000	3000				
48	M	FF-CP-AW		1	C	1000	3000				
49	M	FF-CP-AX		1	A	1000	3000				
50	M	FF-CP-AY		1	B	1000	3000				
51	M	FF-CP-AZ		1	C	1000	3000				
52	M	FF-CP-BA		1	A	1000	3000				
53	M	FF-CP-BB		1	B	1000	3000				
54	M	FF-CP-BC		1	C	1000	3000				
55	M	FF-CP-BD		1	A	1000	3000				
56	M	FF-CP-BE		1	B	1000	3000				
57	M	FF-CP-BF		1	C	1000	3000				
58	M	FF-CP-BG		1	A	1000	3000				
59	M	FF-CP-BH		1	B	1000	3000				
60	M	FF-CP-BI		1	C	1000	3000				
61	M	FF-CP-BJ		1	A	1000	3000				
62	M	FF-CP-BK		1	B	1000	3000				
63	M	FF-CP-BL		1	C	1000	3000				
64	M	FF-CP-BM		1	A	1000	3000				
65	M	FF-CP-BN		1	B	1000	3000				
66	M	FF-CP-BO		1	C	1000	3000				
67	M	FF-CP-BP		1	A	1000	3000				
68	M	FF-CP-BQ		1	B	1000	3000				
69	M	FF-CP-BR		1	C	1000	3000				
70	M	FF-CP-BS		1	A	1000	3000				
71	M	FF-CP-BT		1	B	1000	3000				
72	M	FF-CP-BU		1	C	1000	3000				
73	M	FF-CP-BV		1	A	1000	3000				
74	M	FF-CP-BW		1	B	1000	3000				
75	M	FF-CP-BX		1	C	1000	3000				
76	M	FF-CP-BY		1	A	1000	3000				
77	M	FF-CP-BZ		1	B	1000	3000				
78	M	FF-CP-CA		1	C	1000	3000				
79	M	FF-CP-CC		1	A	1000	3000				
80	M	FF-CP-CD		1	B	1000	3000				
81	M	FF-CP-CE		1	C	1000	3000				
82	M	FF-CP-CD		1	A	1000	3000				
83	M	FF-CP-CE		1	B	1000	3000				
84	M	FF-CP-CE		1	C	1000	3000				
85	M	FF-CP-CE		1	A	1000	3000				
86	M	FF-CP-CE		1	B	1000	3000				
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93	M	FF-CP-CE		1	C	1000	3000				
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95	M	FF-CP-CE		1	B	1000	3000				
96	M	FF-CP-CE		1	C	1000	3000				
97	M	FF-CP-CE		1	A	1000	3000				
98	M	FF-CP-CE		1	B	1000	3000				
99	M	FF-CP-CE		1	C	1000	3000				
100	M	FF-CP-CE		1	A	1000	3000				

PANELBOARD NAME: 2103-03 (EXISTING)											
VOLTAGE: 208Y/120V BUS RATING: 400A POLES: 42 MINIMUM A.I.C. RATING (A): EXISTING											
PKT	LOAD	LOAD DESCRIPTION	TYPE	NO.	PHASE	LOAD (VA)					
1	R	REC 2202		1	A	800	1600				
2	R	REC 2202		1	B	800	1600				
3	R	REC 2202		1	C	800	1600				
4	R	REC 2202		1	A	800	1600				
5	R	REC 2202		1	B	800	1600				
6	R	REC 2202		1	C	800	1600				
7	R	REC 2202		1	A	800	1600				
8	R	REC 2202		1	B	800	1600				
9	R	REC 2202		1	C	800	1600				
10	R	REC 2202		1	A	800	1600				
11	R	REC 2202		1	B	800	1600				
12	R	REC 2202		1	C	800	1600				
13	R	REC 2202		1	A	800	1600				
14	R	REC 2202		1	B	800	1600				
15	R	REC 2202		1	C	800	1600				
16	R	REC 2202		1	A	800	1600				
17	R	REC 2202		1	B	800	1600				
18	R	REC 2202		1	C	800	1600				
19	R	REC 2202		1	A	800	1600				
20	R	REC 2202		1	B	800	1600				
21	R	REC 2202		1	C	800	1600				
22	R	REC 2202		1	A	800	1600				
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30	R	REC 2202		1	C	800	1600				
31	R	REC 2202		1	A	800	1600				
32	R	REC 2202		1	B	800	1600				
33	R	REC 2202		1	C	800	1600				
34	R	REC 2202		1	A	800	1600				
35	R	REC 2202		1	B	800	1600				
36	R	REC 2202		1	C	800	1600				
37	R	REC 2202		1	A	800	1600				
38	R	REC 2202		1	B	800	1600				
39	R	REC 2202		1	C	800	1600				
40	R	REC 2202		1	A	800	1600				
41	R	REC 2202		1	B	800	1600				
42	R	REC 2202		1	C	800	1600				
43	R	REC 2202		1	A	800	1600				
44	R	REC 2202		1	B	800	1600				
45	R	REC 2202		1	C	800	1600				
46	R	REC 2202		1	A	800	1600				
47	R	REC 2202		1	B	800	1600				
48	R	REC 2202		1	C	800	1600				
49	R	REC 2202		1	A	800	1600				
50	R	REC 2202		1	B	800	1600				
51	R	REC 2202		1	C	800	1600				
52	R	REC 2202		1	A	800	1600				
53	R	REC 2202		1	B	800	1600				
54	R	REC 2202		1	C	800	1600				
55	R	REC 2202		1	A	800	1600				
56	R	REC 2202		1	B	800	1600				
57	R	REC 2202		1	C	800	1600				