THREE PHASE PANEL SCHEDULE

PANEL NAME: RP1-3 | VOLTS: 208/120 | PHASE: 3 | MAIN BKR. 150A | BUS SIZE 200A | MOUNTING SURFACE | T.C.L. = 19060 VA

Ø	DIRECTORY	LOAD	WIRE	AMP	POLE		POLE	AMP	WIRE	LOAD	DIRECTORY	Ø
A	RECEPTACLES	900	12	20	1	1 2	1	20	12	1080	RECEPTACLES	A
B	RECEPTACLES	1080	12	20	1	3 4	1	20	12	1440	RECEPTACLES	B
C	RECEPTACLES	1260	12	20	1	5 6	1	20	12	1080	RECEPTACLES	C
A	JUNCTION BOX	1200	12	20	1	7 8	1	20	12	1080	RECEPTACLES	A
B	JUNCTION BOX	1200	12	20	1	9 10	1	20	12	1080	RECEPTACLES	B
C	JUNCTION BOX	1200	12	20	1	11 12	1	20	12	1080	RECEPTACLES	C
A	EF-9	400	10	30	1	13 14	1	20	12	1080	RECEPTACLES	A
B	J-BOX (3)	1200	12	20	1	15 16	1	20	12	750	J-BOX (W.C.)	B
C	J-BOX (4)	1200	12	20	1	17 18	1	20	12	750	J-BOX	C
A						19 20						A
B						21 22						B
C						23 24						C
A						25 26						A
B						27 28						B
C						29 30						C
A						31 32						A
B						33 34						B
C						35 36						C
A						37 38						A
B						39 40						B
C						41 42						C

NOTES: 1. ALL CONDUCTORS SHALL BE IN 3/4" CONDUIT.
2. PROVIDE ADDITIONAL ISOLATED GROUND BUS.

THREE PHASE PANEL SCHEDULE

PANEL NAME: ERP2-1 | VOLTS: 208/120 | PHASE: 3 | MAIN BKR. 150A | BUS SIZE 200A | MOUNTING SURFACE | T.C.L. = 12500 VA

Ø	DIRECTORY	LOAD	WIRE	AMP	POLE		POLE	AMP	WIRE	LOAD	DIRECTORY	Ø
A	RECEPTACLE	1080	12	20	1	1 2	1	20	12	1080	RECEPTACLE	A
B	RECEPTACLE	1080	12	20	1	3 4	1	20	12	1080	RECEPTACLE	B
C	RECEPTACLE	1080	12	20	1	5 6	1	20	12	1080	RECEPTACLE	C
A	RECEPTACLE	1080	12	20	1	7 8	1	20	12	1440	RECEPTACLE	A
B	RECEPTACLE	1080	12	20	1	9 10	1	20	12	1080	RECEPTACLE	B
C						11 12	1	20	12	1000	J-BOX (W.C.)	C
A						13 14						A
B						15 16						B
C						17 18						C
A						19 20						A
B						21 22						B
C						23 24						C
A						25 26						A
B						27 28						B
C						29 30						C
A						31 32						A
B						33 34						B
C						35 36						C
A						37 38						A
B						39 40						B
C						41 42						C

NOTES: 1. ALL CONDUCTORS SHALL BE IN 3/4" CONDUIT.
2. PROVIDE ADDITIONAL ISOLATED GROUND BUS.

THREE PHASE PANEL SCHEDULE

PANEL NAME: LPP1-3 | VOLTS: 480/277 | PHASE: 3 | MAIN BKR. | BUS SIZE 0A | MOUNTING SURFACE | T.C.L.= 139900 VA

	Ø	DIRECTORY	LOAD	WIRE	AMP	POLE		POLE	AMP	WIRE	LOAD	DIRECTORY	Ø
	A						1 2	1	20	12	–	SPARE	A
1	B	HP1-12	10000	10	15	3	3 4	1	20	12	–	SPARE	B
	C						5 6	1	20	12	–	SPARE	C
	A						7 8	1	30	12	9000	JUNCTION BOX	A
1	B	HP1-13	10000	10	15	3	9 10	1	30	12	9000	JUNCTION BOX	B
	C						11 12	1	30	12	9000	JUNCTION BOX	C
	A						13 14	1	20	12	3200	LIGHTS	A
1	B	HP1-14	10000	10	15	3	15 16	1	20	12	2800	LIGHTS	B
	C						17 18	1	20	12	2100	LIGHTS	C
	A						19 20	1	20	12	2500	LIGHTS	A
1	B	HP1-15	6800	10	15	3	21 22	1	20	12	2200	LIGHTS	B
	C						23 24	1	20	12	2600	LIGHTS	C
	A						25 26	1	20	12	3000	LIGHTS	A
1	B	HP1-16	10000	10	15	3	27 28	1	20	12	1500	LIGHTS	B
	C						29 30	1	20	12	4000	LIGHTS	C
	A						31 32	1	20	12	4000	LIGHTS	A
1	B	HP1-17	10000	10	15	3	33 34	1	20	12	3200	LIGHTS	B
	C						35 36	1	20	12	–	SPARE	C
	A						37 38						A
1	B	HP1-18	15000	10	25	3	39 40						B
	C						41 42						C

NOTES: 1. ALL CONDUCTORS SHALL BE IN 3/4" CONDUIT.
2. ALL 15A AND 20A SINGLE PHASE CIECUIT BREAKERS SHALL BE SWITCHING DUTY RATED.

THREE PHASE PANEL SCHEDULE

PANEL NAME: LPP2-3 | VOLTS: 480/277 | PHASE: 3 | MAIN BKR. M.L.O. | BUS SIZE 400A | MOUNTING SURFACE | 168,700 VA

Ø	DIRECTORY	LOAD	WIRE	AMP	POLE		POLE	AMP	WIRE	LOAD	DIRECTORY	Ø
A						1 2						A
B	HP2-22	15000	10	25	3	3 4	3	25	10	16800	HP2-17	B
C						5 6						C
A	HP2-21	3800	12	20	1	7 8						A
B						9 10	3	25	10	16800	HP2-18	B
C	HP2-20	16800	10	25	3	11 12						C
A						13 14						A
B	JUNCTION BOX	8000	8	40	1	15 16	3	25	10	16800	HP2-19	B
C	HP1-26	3800	12	20	1	17 18						C
A	HP1-27	3800	12	20	1	19 20	1	20	12	2000	LIGHTS	A
B	SPARE	–	12	20		21 22	1	20	12	2500	LIGHTS	B
C	SPARE	–	12	20	–	23 24	1	20	12	3300	LIGHTS	C
A						25 26	1	20	12	2400	LIGHTS	A
B	HR-2	9000	12	20	3	27 28	1	20	12	2600	LIGHTS	B
C						29 30	1	40	8	9000	HWH-2	C
A						31 32	1	40	8	9000	HWH-2	A
B	HP-1-28	6800	10	15	3	33 34	1	40	8	9000	HWH-2	B
C						35 36	1	40	8	9000	HWH-2	C
A						37 38	1	20	12	500	EM & EXIST'G LIGHTS	A
B						39 40	1	20	12	2000	LIGHTS	B
C						41 42						C

NOTES: 1. ALL CONDUCTORS IN 3/4" CONDUITS.

THREE PHASE PANEL SCHEDULE

PANEL NAME: ELPP2-1 | VOLTS: 480/277 | PHASE: 3 | MAIN BKR. M.L.O. | BUS SIZE 200A | MOUNTING SURFACE | T.C.L. = 45500 VA

Ø	DIRECTORY	LOAD	WIRE	AMP	POLE		POLE	AMP	WIRE	LOAD	DIRECTORY	Ø
A						1 2						A
B	HP2-9	6600	10	15	3	3 4	3	15	10	6600	HP2-10	B
C						5 6						C
A						7 8	1	30	10	5600	HP2-16	A
B	HP2-11	6000	10	15	3	9 10	1	30	10	3800	LIGHTS	B
C						11 12	1	30	10	3800	LIGHTS	C
A						13 14	1	30	10	3200	LIGHTS	A
B	HR-1	9000	12	20	3	15 16	1	20	12	500	EM & EXIST'G LIGHTS	B
C						17 18						C
A						19 20						A
B						21 22						B
C						23 24						C
A						25 26						A
B						27 28						B
C						29 30						C
A						31 32						A
B						33 34						B
C						35 36						C
A						37 38						A
B						39 40						B
C						41 42						C

NOTES: 1. ALL CONDUCTORS SHALL BE IN 3/4" CONDUIT.

THREE PHASE PANEL SCHEDULE

PANEL NAME: ELPP2-2 | VOLTS: 480/277 | PHASE: 3 | MAIN BKR. M.L.O. | BUS SIZE 200A | MOUNTING SURFACE | T.C.L. = 52000 VA

Ø	DIRECTORY	LOAD	WIRE	AMP	POLE		POLE	AMP	WIRE	LOAD	DIRECTORY	Ø
A						1 2	1	30	10	5600	HP2-13	A
B	HP2-12	6600	10	15	3	3 4						B
C						5 6	3	15	10	6600	HP2-14	C
A	LIGHTS	3800	12	20	1	7 8						A
B	LIGHTS	3000	12	20	1	9 10						B
C	LIGHTS	3600	12	20	1	11 12	3	20	12	9000	HR-3	C
A						13 14						A
B	CT-1	10000	10	20	3	15 16	1	40	8	7500	UH-5	B
C						17 18						C
A						19 20	3	20	12	3300	EF-7	A
B	CT-1	3500	10	20	3	21 22						B
C						23 24						C
A						25 26						A
B						27 28						B
C						29 30						C
A						31 32						A
B						33 34						B
C						35 36						C
A						37 38						A
B						39 40						B
C						41 42						C

NOTES: 1. ALL CONDUCTORS SHALL BE IN 3/4" CONDUIT.

CONSTRUCTION DOCUMENTS

Project No. 96036
Date SEPT. 4, 1997
Designed
Drawn MAC3
Drawing No. E-3

Revisions
CONSTRUCTION ISSUE DECEMBER 9, 1997

CONSTRUCTION DOCUMENTS

City of O'Fallon 138 South Main Street O'Fallon, Missouri 63366

NEW CITY HALL COMPLEX

STATE OF MISSOURI JACOB GORELIK NUMBER E-27784 REGISTERED PROFESSIONAL ENGINEER 12-9-97

CRD Campbell, Inc.
Engineers Architects Planners
One Campbell Plaza 59th & Arsenal St. Louis, MO 63139 314/781-2004

PLOT DATE: 9 OCTOBER 97