

THREE PHASE PANEL SCHEDULE

PANEL NAME: RP2-1
 MAIN BKR: 150A
 BUS SIZE: 200A
 MOUNTING: SURFACE
 T.C.L. = 20500 VA

Ø	DIRECTORY	LOAD	WIRE	AMP	POLE	WIRE	LOAD	DIRECTORY	Ø
A	RECEPTACLE	1260	12	20	1	12	1440	RECEPTACLE	A
B	RECEPTACLE	1080	12	20	1	12	1080	RECEPTACLE	B
C	RECEPTACLE	1080	12	20	1	12	1440	RECEPTACLE	C
A	RECEPTACLE	1440	12	20	1	12	1440	RECEPTACLE	A
B	RECEPTACLE	1440	12	20	1	12	1440	RECEPTACLE	B
C	RECEPTACLE	1440	12	20	1	12	1440	JUNCTION BOX	C
A	JUNCTION BOX	800	12	20	1	12	800	JUNCTION BOX	A
B	JUNCTION BOX	800	12	20	1	12	-	SPARE	B
C	JUNCTION BOX	800	12	20	1	12	150	JUNCTION BOX	C
A	JUNCTION BOX	800	12	20	1	12	-	SPARE	A
B									B
C									C
A									A
B									B
C									C
A									A
B									B
C									C
A									A
B									B
C									C

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

THREE PHASE PANEL SCHEDULE

PANEL NAME: RP2-2
 MAIN BKR: 150A
 BUS SIZE: 200A
 MOUNTING: SURFACE
 T.C.L. = 9700 VA

Ø	DIRECTORY	LOAD	WIRE	AMP	POLE	WIRE	LOAD	DIRECTORY	Ø
A	RECEPTACLE	1080	12	20	1	12	1080	RECEPTACLE	A
B	RECEPTACLE	1080	12	20	1	12	1440	RECEPTACLE	B
C	RECEPTACLE	1260	12	20	1	12	900	RECEPTACLE	C
A	RECEPTACLE	1080	12	20	1	12	-	SPARE	A
B	JUNCTION BOX	800	12	20	1	12	800	JUNCTION BOX	B
C	SPARE	-	12	20	1	12	-	SPARE	C
A									A
B									B
C									C
A									A
B									B
C									C
A									A
B									B
C									C
A									A
B									B
C									C

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

THREE PHASE PANEL SCHEDULE

PANEL NAME: ERP1-2
 MAIN BKR: 150A
 BUS SIZE: 200A
 MOUNTING: SURFACE
 T.C.L. = 11000 VA

Ø	DIRECTORY	LOAD	WIRE	AMP	POLE	WIRE	LOAD	DIRECTORY	Ø
A	RECEPTACLES	1080	12	20	1	12	1080	RECEPTACLES	A
B	RECEPTACLES	1080	12	20	1	12	1260	RECEPTACLES	B
C	RECEPTACLES	900	12	20	1	12	1800	RECEPTACLES	C
A	RECEPTACLES	720	12	20	1	12	720	RECEPTACLES	A
B	J-BOX (MOT. DAM.)	500	12	20	1	12	-	SPARE	B
C	EF-14	1600	12	20	1	12	-		C
A									A
B									B
C									C
A									A
B									B
C									C
A									A
B									B
C									C
A									A
B									B
C									C

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

THREE PHASE PANEL SCHEDULE

PANEL NAME: ELPP1-2
 MAIN BKR: M.L.O.
 BUS SIZE: 200A
 MOUNTING: SURFACE
 T.C.L. = 44000

Ø	DIRECTORY	LOAD	WIRE	AMP	POLE	WIRE	LOAD	DIRECTORY	Ø
A	SPARE	-	12	20	1	12	-		A
B	HP1-22	5600	10	30	1	10	8800	HP1-25	B
C	SPARE	-	12	20	1	12	-		C
A	HP1-23	3800	10	20	1	10	1500	UH-1	A
B	HP1-24	5600	10	30	1	10	1500	UH-1	B
C									C
A	UH-2	1500	10	30	3	12	2100	LIGHTS	A
B									B
C									C
A									A
B									B
C									C
A									A
B									B
C									C
A									A
B									B
C									C

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

THREE PHASE PANEL SCHEDULE

PANEL NAME: ELPP1-1
 MAIN BKR: M.L.O.
 BUS SIZE: 200A
 MOUNTING: SURFACE
 T.C.L. = 31000 VA

Ø	DIRECTORY	LOAD	WIRE	AMP	POLE	WIRE	LOAD	DIRECTORY	Ø
A	HP1-19	5600	10	30	1	10	8800	HP1-20	A
B	HP1-21	3800	10	20	1	10	8800	HP1-20	B
C	LIGHTS	2200	12	20	1	12	2000	LIGHTS	C
A	LIGHTS	3300	12	20	1	12	2700	LIGHTS	A
B	LIGHTS	2400	12	20	1	12	-	SPARE	B
C	EM. LIGHTS	500	12	20	1	12	-	SPARE	C
A									A
B									B
C									C
A									A
B									B
C									C
A									A
B									B
C									C

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

THREE PHASE PANEL SCHEDULE

PANEL NAME: ERP1-1
 MAIN BKR: M.L.O.
 BUS SIZE: 200A
 MOUNTING: SURFACE
 T.C.L. = 20000 VA

Ø	DIRECTORY	LOAD	WIRE	AMP	POLE	WIRE	LOAD	DIRECTORY	Ø
A	RECEPTACLES	1080	12	20	1	12	1080	RECEPTACLES	A
B	RECEPTACLES	1080	12	20	1	12	1080	RECEPTACLES	B
C	RECEPTACLES	1260	12	20	1	12	1260	RECEPTACLES	C
A	RECEPTACLES	1440	12	20	1	12	1080	RECEPTACLES	A
B	RECEPTACLES	1440	12	20	1	12	1080	JUNCTION BOX	B
C	RECEPTACLES	1080	12	20	1	12	1080	JUNCTION BOX	C
A	RECEPTACLES	1080	12	20	1	12	1260	RECEPTACLES	A
B	RECEPTACLES	1080	12	20	1	12	1080	RECEPTACLES	B
C	EF-10	400	12	20	1	12	1000	J-BOX (W.C.)	C
A									A
B									B
C									C
A									A
B									B
C									C
A									A
B									B
C									C

NOTES: EXISTING PANEL 225A 3PH 208/120V SPACE FOR 38 CIRCUIT BREAKERS INSTALL 20A CIRCUIT BREAKERS. ALL CIRCUIT BREAKER TO BE RATED 10 KA MAXIMUM.

Project No. 96036
 Date SEPT. 4, 1997
 Designed
 Drawn
 Drawing No. E-2

Revisions
 CONSTRUCTION ISSUE
 DECEMBER 5, 1997

CONSTRUCTION DOCUMENTS

City of O'Fallon
 138 South Main Street
 O'Fallon, Missouri 63366
 NEW CITY HALL COMPLEX



CRD Campbell, Inc.
 Engineers Architects Planners
 One Campbell Plaza 58th & Arsenal St. Louis, MO 63139 314/781-2004