

PANEL	P1	FEEDER
FED FROM	MSWBD	NUMBER OF CONDUITS
# CIRCUITS	42	FEEDER CONDUIT
HI VOLTAGE	480	WIRE SIZE L1
LOW VOLTAGE	277	WIRE SIZE L2
PHASE	3Y	WIRE SIZE L3
DESIGN LOAD AMPS	144	WIRE SIZE NEUTRAL
NEUTRAL BUS	YES	WIRE SIZE GROUND
GROUND BUS	YES	
AVAILABLE FAULT CURRENT AT THIS PANEL	18,954	
MAIN LUG ONLY		
		DISPLAY VOLTAGE DROP

#	BKR	CIRCUIT DESCRIPTION		H	I	VA		VA	I	H	CIRCUIT DESCRIPTION	BKR	#
1	X X X	SUB PANEL				14,658	L1	13,850	G		X X X	X X X	2
3	60A-3P	SP1				9,788	L2	13,850	G		AC UNIT	60A-1P	4
5	X X X	SUB PANEL				12,126	L3	13,850	G		X X X	X X X	6
7	20A-1P	LIGHTS		H	C	1,500	L1		G				8
9	20A-1P	LIGHTS		H	C	1,500	L2		G				10
11	20A-1P	LIGHTS		H	C	1,500	L3		G				12
13	20A-1P	LIGHTS		H	C	1,500	L1		G		PINK CELLS ARE		14
15	20A-1P	LIGHTS		H	C	1,500	L2		G		PROTECTED IN DEMO		16
17	20A-1P	LIGHTS		H	C	1,500	L3		G				18
19	20A-1P	LIGHTS		H	C	1,500	L1		G				20
21	20A-1P	LIGHTS		H	C	1,500	L2		G				22
23	20A-1P	LIGHTS		H	C	1,500	L3		G				24
25	20A-1P	LIGHTS		H	C	1,500	L1		G				26
27	20A-1P	LIGHTS		H	C	1,500	L2		G				28
29	20A-1P	LIGHTS		H	C	1,500	L3		G				30
31	20A-1P	LIGHTS		H	C	1,500	L1		G				32
33	20A-1P	LIGHTS		H	C	1,500	L2		G				34
35	20A-1P	LIGHTS		H	C	1,500	L3		G				36
37	20A-1P	LIGHTS		H	C	1,500	L1		G				38
39	20A-1P	LIGHTS		H	C	1,500	L2		G				40
41					G		L3		G				42