

EXISTING PANELBOARD SCHEDULE													H		
VOLTAGE	PHASE	WIRE	MCB (A)	MLO (A)	AIC	MOUNTING	MANUFAC.	MDL #	REMARKS				MDL #	DWG REF	
277 / 480	3	4	0	600	65K	SURFACE	-	-					-	-	
TYPE LEGEND													REMARKS		
L	LIGHTING	K	KITCHEN EQ	PROVIDE EQUIPMENT GROUND BUS											
R	RECEPTACLES	E	EXISTING	PROVIDE FEED THRU AND/OR SUB FEED LUGS FOR MULTI-SECTION PANELS											
M	MECH EQUIP	O	OTHER												
CKT. #	ITEM SERVED	TYPE	WIRE	CONDUIT	CKT. BRK	LOAD (VA)	PHASE	LOAD (VA)	CKT. BRK	CONDUIT	WIRE	TYPE	ITEM SERVED	CKT. #	
1	EXISTING SPARE	-	-	-	30A	3	A	7756	3	30A	3/4"	#10	M	EXISTING UNIT 2	2
3	-	-	-	-	-	-	B	7756	-	-	-	-	-	-	4
5	-	-	-	-	-	-	C	7756	-	-	-	-	-	-	6
7	EXISTING UNIT 3	M	#10	3/4"	30A	3	A	7756	3	30A	3/4"	#10	M	EXISTING UNIT 4	8
9	-	-	-	-	-	-	B	7756	-	-	-	-	-	-	10
11	-	-	-	-	-	-	C	7756	-	-	-	-	-	-	12
13	EXISTING UNIT 5	M	#10	3/4"	30A	3	A	7756	3	30A	3/4"	#10	M	EXISTING UNIT 6	14
15	-	-	-	-	-	-	B	7756	-	-	-	-	-	-	16
17	-	-	-	-	-	-	C	7756	-	-	-	-	-	-	18
19	EXISTING UNIT 1	M	#10	3/4"	30A	3	A	7756	3	30A	3/4"	#10	M	EXISTING UNIT 8	20
21	-	-	-	-	-	-	B	7756	-	-	-	-	-	-	22
23	-	-	-	-	-	-	C	7756	-	-	-	-	-	-	24
25	EXISTING UNIT 9	M	#10	3/4"	30A	3	A	7756	3	30A	3/4"	#10	M	EXISTING UNIT 10	26
27	-	-	-	-	-	-	B	7756	-	-	-	-	-	-	28
29	-	-	-	-	-	-	C	7756	-	-	-	-	-	-	30
31	EXISTING UNIT 11	M	#10	3/4"	30A	3	A	7756	3	30A	3/4"	#10	M	EXISTING UNIT 12	32
33	-	-	-	-	-	-	B	7756	-	-	-	-	-	-	34
35	-	-	-	-	-	-	C	7756	-	-	-	-	-	-	36
37	EXISTING UNIT 13	M	#10	3/4"	30A	3	A	7756	3	30A	3/4"	#10	M	EXISTING UNIT 15	38
39	-	-	-	-	-	-	B	7756	-	-	-	-	-	-	40
41	-	-	-	-	-	-	C	7756	-	-	-	-	-	-	42
43	EXISTING UNIT 14	M	#10	3/4"	30A	3	A	7756	3	30A	3/4"	#10	M	EXISTING UNIT 16	44
45	-	-	-	-	-	-	B	7756	-	-	-	-	-	-	46
47	-	-	-	-	-	-	C	7756	-	-	-	-	-	-	48
49	NEW SUB-PANEL "H1"	M	#1/0	2"	150A	3	A	24858	3	30A	3/4"	#10	M	EXISTING UNIT 17	50
51	-	-	-	-	-	-	B	28908	3	30A	3/4"	#10	M	-	52
53	-	-	-	-	-	-	C	28908	3	30A	3/4"	#10	M	-	54

  

CONNECTED LOAD (VA)	A	B	C	TOTAL
	148954	152904	152904	454762

  

TYPE	LOAD (VA)	SUBLOADS (VA)	CONN LD (VA)	SIZING FACTOR	SIZING LOAD (VA)	NOTES
LIGHTING	0	-	-	0	125%	0
RECEPTACLES	0	-	-	0	*	0
MECH EQUIP	454762	-	-	454762	100%	454762
KITCHEN EQ	0	-	-	0	100%	0
# OF KITCH EQ	0	-	-	0		
EXISTING	0	-	-	0	125%	0
OTHER	0	-	-	0	100%	0
CONNECTED TOTAL (VA)						454762
CONNECTED AMPACITY (A)						546.99
DEMAND TOTAL (VA)						454762
DEMAND AMPACITY (A)						546.99

PANELBOARD SCHEDULE													H1		
VOLTAGE	PHASE	WIRE	MCB (A)	MLO (A)	AIC	MOUNTING	MANUFAC.	MDL #	REMARKS				MDL #	DWG REF	
277 / 480	3	4	0	150	65K	SURFACE	-	-					-	-	
TYPE LEGEND													REMARKS		
L	LIGHTING	K	KITCHEN EQ	PROVIDE EQUIPMENT GROUND BUS											
R	RECEPTACLES	E	EXISTING	PROVIDE FEED THRU AND/OR SUB FEED LUGS FOR MULTI-SECTION PANELS											
M	MECH EQUIP	O	OTHER												
CKT. #	ITEM SERVED	TYPE	WIRE	CONDUIT	CKT. BRK	LOAD (VA)	PHASE	LOAD (VA)	CKT. BRK	CONDUIT	WIRE	TYPE	ITEM SERVED	CKT. #	
1	NEW VTAC-1	M	#12	3/4"	20A	3	A	4986	3	30A	3/4"	#10	M	NEW VTAC-3	2
3	-	-	-	-	-	-	B	4986	3	30A	3/4"	#10	M	-	4
5	-	-	-	-	-	-	C	4986	3	30A	3/4"	#10	M	-	6
7	NEW VTAC-2	M	#10	3/4"	30A	3	A	7756	3	30A	3/4"	#10	M	NEW VTAC-3	8
9	-	-	-	-	-	-	B	7756	3	30A	3/4"	#10	M	-	10
11	-	-	-	-	-	-	C	7756	3	30A	3/4"	#10	M	-	12
13	-	-	-	-	-	-	A	0	-	-	-	-	-	14	
15	-	-	-	-	-	-	B	0	-	-	-	-	-	16	
17	-	-	-	-	-	-	C	0	-	-	-	-	-	18	
19	-	-	-	-	-	-	A	0	-	-	-	-	-	20	
21	-	-	-	-	-	-	B	0	-	-	-	-	-	22	
23	-	-	-	-	-	-	C	0	-	-	-	-	-	24	
25	-	-	-	-	-	-	A	0	-	-	-	-	-	26	
27	-	-	-	-	-	-	B	0	-	-	-	-	-	28	
29	-	-	-	-	-	-	C	0	-	-	-	-	-	30	

  

CONNECTED LOAD (VA)	A	B	C	TOTAL
	28808	28808	28808	86424

  

TYPE	LOAD (VA)	SUBLOADS (VA)	CONN LD (VA)	SIZING FACTOR	SIZING LOAD (VA)	NOTES
LIGHTING	0	-	-	0	125%	0
RECEPTACLES	0	-	-	0	*	0
MECH EQUIP	86424	-	-	86424	100%	86424
KITCHEN EQ	0	-	-	0	100%	0
# OF KITCH EQ	0	-	-	0		
EXISTING	0	-	-	0	125%	0
OTHER	0	-	-	0	100%	0
CONNECTED TOTAL (VA)						86424
CONNECTED AMPACITY (A)						103.95
DEMAND TOTAL (VA)						86424
DEMAND AMPACITY (A)						103.95

PANELBOARD SCHEDULE													L				
VOLTAGE	PHASE	WIRE	MCB (A)	MLO (A)	AIC	MOUNTING	MANUFAC.	MDL #	REMARKS				MDL #	DWG REF			
120 / 240	1	3	0	400	22K	RECESSED	SQUARE D	-					-	-			
TYPE LEGEND													REMARKS				
L	LIGHTING	K	KITCHEN EQ	PROVIDE EQUIPMENT GROUND BUS													
R	RECEPTACLES	E	EXISTING	PROVIDE FEED THRU AND/OR SUB FEED LUGS FOR MULTI-SECTION PANELS													
M	MECH EQUIP	O	OTHER														
CKT. #	ITEM SERVED	TYPE	WIRE	CONDUIT	CKT. BRK	LOAD (VA)	PHASE	LOAD (VA)	CKT. BRK	CONDUIT	WIRE	TYPE	ITEM SERVED	CKT. #			
1	IWH-Toilet 211	O	#12	3/4"	20A	2	A	1600	A	3000	2	40A	1"	#8	M	AH-1	2
3	-	-	-	-	-	-	B	1600	B	3000	2	40A	1"	#8	M	AH-2	4
5	IWH-Toilet 213	O	#12	3/4"	20A	2	A	1600	A	3000	2	40A	1"	#8	M	AH-2	6
7	-	-	-	-	-	-	B	1600	B	3000	2	40A	1"	#8	M	AH-2	8
9	IWH-Toilet 212	O	#12	3/4"	20A	2	A	1600	A	3000	2	40A	1"	#8	M	AH-3	10
11	-	-	-	-	-	-	B	1600	B	3000	2	40A	1"	#8	M	AH-3	12
13	IWH-Toilet 210	O	#12	3/4"	20A	2	A	1600	A	3000	2	40A	1"	#8	M	HP-1	14
15	-	-	-	-	-	-	B	1600	B	3000	2	40A	1"	#8	M	HP-1	16
17	RECEPTS-RMS 104-106	R	#12	3/4"	20A	1	A	936	2	20A	3/4"	#12	M	-	-	18	
19	EXTERIOR LIGHTS	L	#10	3/4"	20A	1	A	882	B	936	2	20A	3/4"	#12	M	-	20
21	PHOTOCELL/TIMELOCK	O	#12	3/4"	20A	1	A	250	A	936	2	20A	3/4"	#12	M	HP-3	22
23	EXTERIOR RECEPTS	R	#12	3/4"	20A	1	A	1260	B	936	2	20A	3/4"	#12	M	-	24
25	EXTERIOR RECEPTS	R	#12	3/4"	20A	1	A	1440	A	936	2	20A	3/4"	#12	M	-	26
27	IWH-Toilet 110	O	#10	3/4"	30A	2	A	2000	B	0	1	-	-	-	-	28	
29	-	-	-	-	-	-	A	0	0	1	-	-	-	-	30		
31	IWH-Toilet 111	O	#10	3/4"	30A	2	A	2000	B	0	1	-	-	-	32		
33	-	-	-	-	-	-	A	0	0	1	-	-	-	-	34		
35	PANEL "1A"	-	#1	2"	100A	2	A	2000	A	0	1	-	-	-	36		
37	-	-	-	-	-	-	B	7284	A	0	1	-	-	-	38		
39	PANEL "2A"	-	#1	2"	100A	2	A	5952	B	4428	2	100A	2"	#1	-	PANEL "3A"	40
41	-	-	-	-	-	-	A	9512	A	7321	-	-	-	-	-	42	

  

CONNECTED LOAD (VA)	A	B	TOTAL
	48735	38624	87359

  

TYPE	LOAD (VA)	SUBLOADS (VA)	CONN LD (VA)	SIZING FACTOR	SIZING LOAD (VA)	NOTES
LIGHTING	882	2078	9924	14409	125%	22366
RECEPTACLES	3420	5300	2340	4140	*	12800
MECH EQUIP	23616	0	0	23616	100%	23616
KITCHEN EQ	0	0	0	0	100%	0
# OF KITCH EQ	0	0	0	0		
EXISTING	0	0	0	0	125%	0
OTHER	21050	0	0	21050	100%	21050
CONNECTED TOTAL (VA)						77559
CONNECTED AMPACITY (A)						79632
DEMAND TOTAL (VA)						75159
DEMAND AMPACITY (A)						