PANEL P2SA

MOUNTING SURFACE — 10,000 A.I.C. SYM
208/120 VOLTS 3 PHASE 4 WIRE — MAIN LO — BUS 225 A

VOLT AMPS ØA	ØB	ØC	DESCRIPTION	RECEC	LIGHTG	OUTLETE	BKRR	CKTR		CKTR	BKRR	OUTLETE	LIGHTG	RECEC	DESCRIPTION	VOLT AMPS ØA	ØB	ØC
500			Classrm teach desk			1	20	1	A	2	20	1			Power Door assist	500		
	500		Classrm teach desk			1	20	3	B	4	20	1			El door operator		500	
		500	Classrm teach desk			1	20	5	C	6	20	1			Power Door assist			500
500			Classrm teach desk			1	20	7	A	8	20	1			Mecho shades	700		
	1000		Projector classrm			1	20	9	B	10	20	1		1	Stairs area of refuge		180	
		1000	Projector classrm			1	20	11	C	12	20	1			Host gal proj & scree			750
1080			Wall outl classrm	6		1	20	13	A	14	20	1		2	Ilosting outlets/em c	360		
	1080		Wall outl classrm	6		1	20	15	B	16	20	1		2	Ilosting outlets/em c		360	
		1440	Conven outlets	8		1	20	17	C	18	20	1		2	Ilosting outlets/em c			360
180			Electrical rm outl	1		1	20	19	A	20	20	1			AV equipment	500		
	360		Janitor rm outl	2		1	20	21	B	22	20	1			Fireplate ignitor		100	
		360	Restrooms	2		1	20	23	C	24	20	1			Spare			
1000			Vending			1	20	25	A	26	20	1			Refrig work/kitchen	700		
	1000		Vending			1	20	27	B	28	20	1			Coffee		900	
		180	Exterior outlet	1		1	20	29	C	30	20	1			Microwave			900
1260			Office	7		1	20	31	A	32	20	1			Insta hot	500		
	1080		Office	6		1	20	33	B	34	20	1		6	Office outl		1080	
		1080	Office	6		1	20	35	C	36	20	1		6	Office outl			1080
			Spare			1	20	37	A	38	20	1		7	Outlets @ benches	1260		
			Spare			1	20	39	B	40	20	1			Spare			
			Spare			1	20	41	C	42	20	1			EF-5			42
4520	5020	4560	VA/LINE													4520	3120	3632

ØA= 9040 ØB= 8140 ØC= 8192

CONTINUOUS LOADS: x1.25= ____
NON-CONTINUOUS LOADS: RECEPTACLES UP TO 10 kVA 10000 x1.00= 10000; REMAINDER 2780 x0.50= 1390; OTHER 12592 x1.00 12592

TOTAL DESIGN kVA= 24 TOTAL DESIGN AMPS= 67

PANEL P2SB

MOUNTING SURFACE — 10,000 A.I.C. SYM
208/120 VOLTS 3 PHASE 4 WIRE — MAIN LO — BUS 225 A

VOLT AMPS ØA	ØB	ØC	DESCRIPTION	RECEC	LIGHTG	OUTLETE	BKRR	CKTR		CKTR	BKRR	OUTLETE	LIGHTG	RECEC	DESCRIPTION	VOLT AMPS ØA	ØB	ØC
450			Lights lobby			1	20	1	A	2	20	1		6	Office outlets	1080		
	500		Roll up door			1	20	3	B	4	20	1		6	Office outlets		1080	
			Spare			1	20	5	C	6	20	1		6	Office outlets			1080
			Spare			1	20	7	A	8	20	1		6	Office outlets	1080		
			Spare			1	20	9	B	10	20	1		6	Office outlets		1080	
			Spare			1	20	11	C	12	20	1			Spare			
			Spare			1	20	13	A	14	20	1			Spare			
			Spare			1	20	15	B	16	20	1			Spare			
			Spare			1	20	17	C	18	20	1			Spare			
			Spare			1	20	19	A	20	20	1			Spare			
			Spare			1	20	21	B	22	20	1			Spare			
			Spare			1	20	23	C	24	20	1			Spare			
			Spare			1	20	25	A	26	20	1			Spare			
			Spare			1	20	27	B	28	20	1			Spare			
			Spare			1	20	29	C	30	20	1			Spare			
			Spare			1	20	31	A	32	20	1			Spare			
			Spare			1	20	33	B	34	20	1			Spare			
			Spare			1	20	35	C	36	20	1			Plazma TV L obby 20			500
			MS spare 2nd Fl North			1	20	37	A	38	20	1			FSD	200		
	500		FA power supply			1	20	39	B	40	20	1			FAPS		500	
		100	BMS			1	20	41	C	42	20	1			BMS			100
450	1000	100	VA/LINE													2360	2660	1680

ØA= 2810 ØB= 3660 ØC= 1780

CONTINUOUS LOADS: x1.25= 563
NON-CONTINUOUS LOADS: RECEPTACLES UP TO 10 kVA 5400 x1.00= 5400; REMAINDER ____ x0.50= ____; OTHER 2400 x1.00 2400

TOTAL DESIGN kVA= 8 TOTAL DESIGN AMPS= 23

PANEL P3SA (1)

MOUNTING SURFACE — 10,000 A.I.C. SYM
208/120 VOLTS 3 PHASE 4 WIRE — MAIN LO — BUS 225 A

VOLT AMPS ØA	ØB	ØC	DESCRIPTION	RECEC	LIGHTG	OUTLETE	BKRR	CKTR		CKTR	BKRR	OUTLETE	LIGHTG	RECEC	DESCRIPTION	VOLT AMPS ØA	ØB	ØC
1200			TDC rm UPS			1	20	1	A	2	20	1		1	Electr. Rm outlet	180		
	500		TDC rm above rack			1	20	3	B	4	20	1			Spare			
		500	TDC rm dedicated			1	20	5	C	6	20	1			Spare			
360			TDC rm conven outl	2		1	20	7	A	8	20	1		7	Outlets meeting rm	1260		
	540		TDC rm conven outl	3		1	20	9	B	10	20	1			Plasma rm 343		500	
		360	TDC rm conven outl	2		1	20	11	C	12	20	1		6	Office outlets			1080
180			Outl area of refuge	1		1	20	13	A	14	20	1		6	Office outlets	1080		
	1080		Conven. Outlets	6		1	20	15	B	16	20	1		6	Office outlets		1080	
		360	Janitor closet	2		1	20	17	C	18	20	1		6	Office outlets			1080
720			Restrooms outlets	4		1	20	19	A	20	20	1		6	Office outlets	1080		
	1260		Conven. Outlets	7		1	20	21	B	22	20	1		6	Office/mtg outlets		1080	
		1000	Copier			1	20	23	C	24	20	1		6	Office outlets			1080
500			Printer			1	20	25	A	26	20	1		6	Office outlets	1080		
	750		Refrigerator			1	20	27	B	28	20	1		6	Office outlets		1080	
		850	Microwave			1	20	29	C	30	20	1		6	Office outlets			1080
850			Garbage disposal			1	20	31	A	32	20	1		6	Office outlets	1080		
	850		Coffee			1	20	33	B	34	20	1		6	Office outlets		1080	
		500	Plasma TV rm 324			1	20	35	C	36	20	1			Spare			
360			Fl poke thru rm 324	2		1	20	37	A	38	20	1			Plasma rm 316	500		
			Spare			1	20	39	B	40	20	1			Plasma rm 312		500	
			Spare			1	20	41	C	42	20	1			Spare can #4			
4170	4980	3570	VA/LINE													6260	5320	4320

ØA= 10430 ØB= 10300 ØC= 7890

CONTINUOUS LOADS: x1.25= ____
NON-CONTINUOUS LOADS: RECEPTACLES UP TO 10 kVA 10000 x1.00= 10000; REMAINDER 17720 x0.50= 8860; OTHER 19624 x1.00 19624

TOTAL DESIGN kVA= 38 TOTAL DESIGN AMPS= 107

PANEL P3SA (2)

MOUNTING SURFACE — 10,000 A.I.C. SYM
208/120 VOLTS 3 PHASE 4 WIRE — MAIN LO — BUS 225 A

VOLT AMPS ØA	ØB	ØC	DESCRIPTION	RECEC	LIGHTG	OUTLETE	BKRR	CKTR		CKTR	BKRR	OUTLETE	LIGHTG	RECEC	DESCRIPTION	VOLT AMPS ØA	ØB	ØC
750			oor p-thru rm 312,316			1	20	43	A	44	20	1		6	Reception/Office	1080		
	500		Plasma outl			1	20	45	B	46	20	1		6	Office outlets		1080	
		500	Floor outl 4-343			1	20	47	C	48	20	1		6	Office outlets			1080
			Spare to can C			1	20	49	A	50	20	1			Flat pnl display	500		
	180		Outlet @ benches	1		1	20	51	B	52	20	1		6	President's office		1080	
			Spare can #1			1	20	53	C	54	20	1		6	Office outlets			1080
			Spare can #1			1	20	55	A	56	20	1		3	Office outlets	540		
			Spare			1	20	57	B	58	20	1		2	Janitor closet		360	
			Spare			1	20	59	C	60	20	1		1	Reception 311			180
			Spare			1	20	61	A	62	20	1			Classrm projector	500		
			Spare			1	20	63	B	64	20	1			Teach.station		500	
			Spare			1	20	65	C	66	20	1		3	Classrm wall outlets			540
			Spare			1	20	67	A	68	20	1			Power door	250		
			Spare			1	20	69	B	70	20	1			Camera outdoor		250	
			Spare			1	20	71	C	72	20	1		4	Exterior outlets			720
			Spare			1	20	73	A	74	20	1			Spare			
	1456		CU-3 (1 st FL)			2	25	75	B	76	20	1			Spare			
		1456				-	-	77	C	78	20	1		1	CDP			180
1456			CU-4 (3rd Fl)			2	25	79	A	80	20	1			FSD	150		
	1456					-	-	81	B	82	20	1			FA power supply		500	
		100	BMS			1	20	83	C	84	20	1			BMS			300
2206	3592	2056	VA/LINE													3020	3770	4080

ØA= 5226 ØB= 7362 ØC= 6136

CONTINUOUS LOADS: x1.25= ____
NON-CONTINUOUS LOADS: RECEPTACLES UP TO 10 kVA 8100 x1.00= 8100; REMAINDER ____ x0.50= ____; OTHER 10624 x1.00 10624

TOTAL DESIGN kVA= 19 TOTAL DESIGN AMPS= 52

PANEL P1SA (1)

MOUNTING SURFACE — 10,000 A.I.C. SYM
208/120 VOLTS 3 PHASE 4 WIRE — MAIN LO — BUS 225 A

VOLT AMPS ØA	ØB	ØC	DESCRIPTION	RECEC	LIGHTG	OUTLETE	BKRR	CKTR		CKTR	BKRR	OUTLETE	LIGHTG	RECEC	DESCRIPTION	VOLT AMPS ØA	ØB	ØC
500			Classrm 180 floor out			1	20	1	A	2	20	1			Spare			
	150		Clock outlets			1	20	3	B	4	20	1		1	Outlet electr. Rm		180	
		750	Projector			1	20	5	C	6	20	1			Security door PS			500
750			Proj. screen			1	20	7	A	8	20	1			Security door assist	500		
	500		Classrm 170 floor out			1	20	9	B	10	20	1			Security system pnl		750	
		750	Projector			1	20	11	C	12	20	1			Security system pnl			750
750			Proj. screen			1	20	13	A	14	20	1			Security system pnl	750		
	720		Classrm wall outl	4		1	20	15	B	16	20	1			Security cam exter		200	
		1080	Conven. outlets	6		1	20	17	C	18	20	1	1	1	Elevator pit			280
540			Exterior outlets	3		1	20	19	A	20	20	1		1	Elev mach room	180		
	540		Restroom outlets	3		1	20	21	B	22	20	1			Elevator controller		500	
		360	Janitor outlet	2		1	20	23	C	24	20	1			Vending			1000
500			Display @ entry lobby			1	20	25	A	26	20	1			Vending	1000		
	500		Classrm 1148 floor out			1	20	27	B	28	20	1		6	Meeting rm outl		1080	
		750	Projector			1	20	29	C	30	20	1		6	Student resource			1080
750			Proj. screen			1	20	31	A	32	20	1			Refrigerator	750		
	1080		Conven. outlets	6		1	20	33	B	34	20	1			Copier		1000	
		180	Fire riser	1		1	20	35	C	36	20	1			Spare			
180			ec at lift station pum	1		1	20	37	A	38	20	1			Spare			
			Spare			1	20	39	B	40	20	1			Spare			
			Spare			1	20	41	C	42	20	1		1	CDP			180
3970	3490	3870	VA/LINE													3180	3710	3790

ØA= 7150 ØB= 7200 ØC= 7660

CONTINUOUS LOADS: 1300 x1.25= 1625
NON-CONTINUOUS LOADS: RECEPTACLES UP TO 10 kVA 10000 x1.00= 10000; REMAINDER 31760 x0.50= 15880; OTHER 20600 x1.00 20600

TOTAL DESIGN kVA= 48 TOTAL DESIGN AMPS= 134

Feeder: 4/0 AWG

PANEL P1SA (2)

MOUNTING SURFACE — 10,000 A.I.C. SYM
208/120 VOLTS 3 PHASE 4 WIRE — MAIN LO — BUS 225 A

VOLT AMPS ØA	ØB	ØC	DESCRIPTION	RECEC	LIGHTG	OUTLETE	BKRR	CKTR		CKTR	BKRR	OUTLETE	LIGHTG	RECEC	DESCRIPTION	VOLT AMPS ØA	ØB	ØC
1200			TDA UPS So			1	20	43	A	44	20	1		6	TDB (N. wing) UPS	1200		
	500		TDA ded. So			1	20	45	B	46	20	1		2	TDB (N. wing) conv		360	
		500	TDA ded. So			1	20	47	C	48	20	1		4	TDB (N. wing) conv			720
500			TDA ded. So			1	20	49	A	50	20	1		4	TDB (N. wing) conv	720		
	540		TDA conv.	3		1	20	51	B	52	20	1			TDB (N. wing) ded		500	
		720	TDA conv.	4		1	20	53	C	54	20	1			TDB (N. wing) ded			500
900			Furn.feed 4-180	5		1	20	55	A	56	20	1		3	Jutlets corridor bend	540		
	900		Furn.feed 4-180	5		1	20	57	B	58	20	1			Spare			
		900	Furn.feed 4-180	5		1	20	59	C	60	20	1			Spare			
900			Furn.feed 4-180	5		1	20	61	A	62	20	1			Steam mtr omnicon	150		
	900		Furn.feed 4-180	5		1	20	63	B	64	20	1			Spare to pump rm stea			
		540	Furn.feed 4-180	3		1	20	65	C	66	20	1			Spare			
900			Furn.feed 4-180	5		1	20	67	A	68	20	1			Spare			
	900		Furn.feed 4-180	5		1	20	69	B	70	20	1			Spare			
		900	Furn.feed 4-180	5		1	20	71	C	72	20	1			Spare			
900			Furn.feed 4-180	5		1	20	73	A	74	20	1			Spare			
	900		Furn.feed 4-180	5		1	20	75	B	76	20	1			Spare			
		540	Furn.feed 4-180	3		1	20	77	C	78	20	1			Spare			
250			BMS 1st fl No			1	20	79	A	80	20	1			FSD	200		
	500		Fire Alarm (N. wing)			1	20	81	B	82	20	1			FACP		500	
		400	BMS (N. wing)			1	20	83	C	84	20	1			BMS			400
5550	5140	4500	VA/LINE													2810	1360	1620

ØA= 8360 ØB= 6500 ØC= 6120

CONTINUOUS LOADS: 1200 x1.25= 1500
NON-CONTINUOUS LOADS: RECEPTACLES UP TO 10 kVA 10000 x1.00= 10000; REMAINDER 24200 x0.50= 12100; OTHER 6250 x1.00 6250

TOTAL DESIGN kVA= 30 TOTAL DESIGN AMPS= 83

PANEL P1SA (3)

MOUNTING SURFACE — 10,000 A.I.C. SYM
208/120 VOLTS 3 PHASE 4 WIRE — MAIN 225 A — BUS 225 A

VOLT AMPS ØA	ØB	ØC	DESCRIPTION	RECEC	LIGHTG	OUTLETE	BKRR	CKTR		CKTR	BKRR	OUTLETE	LIGHTG	RECEC	DESCRIPTION	VOLT AMPS ØA	ØB	ØC
540			Furniture feed 4-170	3		1	20	85	A	86	20	1		5	Furniture feed 4-148	900		
	900		Furniture feed 4-170	5		1	20	87	B	88	20	1		5	Furniture feed 4-148		900	
		900	Furniture feed 4-170	5		1	20	89	C	90	20	1		5	Furniture feed 4-148			900
900			Furniture feed 4-170	5		1	20	91	A	92	20	1		5	Furniture feed 4-148	900		
	900		Furniture feed 4-170	5		1	20	93	B	94	20	1		5	Furniture feed 4-148		900	
		900	Furniture feed 4-170	5		1	20	95	C	96	20	1		3	Furniture feed 4-148			540
540			Furniture feed 4-170	3		1	20	97	A	98	20	1		5	Furniture feed 4-148	900		
	900		Furniture feed 4-170	5		1	20	99	B	100	20	1		5	Furniture feed 4-148		900	
		900	Furniture feed 4-170	5		1	20	101	C	102	20	1		5	Furniture feed 4-148			900
900			Furniture feed 4-170	5		1	20	103	A	104	20	1		5	Furniture feed 4-148	900		
	900		Furniture feed 4-170	5		1	20	105	B	106	20	1		5	Furniture feed 4-148		900	
		900	Furniture feed 4-170	5		1	20	107	C	108	20	1		5	Furniture feed 4-148			900
			Shunt trip			1	20	109	A	110	20	1			Irrigation control	150		
			Spare			1	20	111	B	112	20	1			Spare			
			Spare			1	20	113	C	114	20	1			Spare			
			Spare			1	20	115	A	116	20	1			Spare			
			Spare			1	20	117	B	118	20	1			Spare			
			Spare			1	20	119	C	120	20	1			Spare			
			Spare			1	20	121	A	122	20	1			Spare			
			Spare			1	20	123	B	124	20	1			Spare			
			Spare			1	20	125	C	126	20	1			Spare			
2880	3600	3600	VA/LINE													3750	3600	3240

ØA= 6630 ØB= 7200 ØC= 6840

CONTINUOUS LOADS: x1.25= ____
NON-CONTINUOUS LOADS: RECEPTACLES UP TO 10 kVA 10000 x1.00= 10000; REMAINDER 10520 x0.50= 5260; OTHER 150 x1.00 150

TOTAL DESIGN kVA= 15 TOTAL DESIGN AMPS= 43

PANEL L1S

MOUNTING SURFACE — 14,000 A.I.C. SYM
480/277 VOLTS 3 PHASE 4 WIRE — MAIN 100 A — BUS 100 A

VOLT AMPS ØA	ØB	ØC	DESCRIPTION	RECEC	LIGHTG	OUTLETE	BKRR	CKTR		CKTR	BKRR	OUTLETE	LIGHTG	RECEC	DESCRIPTION	VOLT AMPS ØA	ØB	ØC
			Spare			1	20	1	A	2	20	1	36		Lights classrm 180	3420		
	150		E rm lts 1S			1	20	3	B	4	20	1	34		Lights classrm 170		3230	
			Spare			1	20	5	C	6	20	1			Lights classrm 148			3380
			Spare			1	20	7	A	8	20	1			Lights meeting/restrm	3153		
	500		Site lts So			1	20	9	B	10	20	1			Lights corridor		810	
		200	Site lts So NL			1	20	11	C	12	20	1			Spare			
			Spare LCP			1	20	13	A	14	20	1			Spare			
			Spare			1	20	15	B	16	20	1			Site lts S-W		500	
			Spare			1	20	17	C	18	20	1			Site lts S-W NL			200
			Spare			1	20	19	A	20	20	1			LCP spare			
			Spare			1	20	21	B	22	20	1			Spare			
			Spare			1	20	23	C	24	20	1			Spare			
			Spare			1	20	25	A	26	20	1			Spare			
			Spare			1	20	27	B	28	20	1			Spare			
			Spare			1	20	29	C	30	20	1			Spare			
			Spare			1	20	31	A	32	20	1			Spare			
			Spare			1	20	33	B	34	20	1			Spare			
			Spare			1	20	35	C	36	20	1			Spare			
			Spare			1	20	37	A	38	20	1			Spare			
			Spare			1	20	39	B	40	20	1			Spare			
			Spare			1	20	41	C	42	20	1			Spare			
	650	200	VA/LINE													6573	4540	3580

ØA= 6573 ØB= 5190 ØC= 3780

CONTINUOUS LOADS: 15543 x1.25= 19429
NON-CONTINUOUS LOADS: RECEPTACLES UP TO 10 kVA ____ x1.00= ____; REMAINDER ____ x0.50= ____; OTHER ____ x1.00 ____

TOTAL DESIGN kVA= 19 TOTAL DESIGN AMPS= 23

PANEL L2S (1)

MOUNTING SURFACE — 14,000 A.I.C. SYM
480/277 VOLTS 3 PHASE 4 WIRE — MAIN 100 A — BUS 100 A

VOLT AMPS ØA	ØB	ØC	DESCRIPTION	RECEC	LIGHTG	OUTLETE	BKRR	CKTR		CKTR	BKRR	OUTLETE	LIGHTG	RECEC	DESCRIPTION	VOLT AMPS ØA	ØB	ØC
			Spare			1	20	1	A	2	20	1			Lights classrooms	2280		
	150		E rm lt 2S			1	20	3	B	4	20	1			Lights classrooms		2280	
			Spare			1	20	5	C	6	20	1			Lights offices/hosting			3385
			Spare			1	20	7	A	8	20	1			Lights corridor/lobby	1902		
			Spare			1	20	9	B	10	20	1			Exterior canopy/ter		215	
			Spare			1	20	11	C	12	20	1			Spare			
			Spare			1	20	13	A	14	20	1			Ext lt linear sign	500		
			Spare			1	20	15	B	16	20	1			Spare			
			Spare			1	20	17	C	18	20	1			Spare			
			Spare			1	20	19	A	20	20	1			Spare			
			Spare			1	20	21	B	22	20	1			Spare			
			Spare			1	20	23	C	24	20	1			Spare			
			Spare			1	20	25	A	26	20	1			Spare			
			Spare			1	20	27	B	28	20	1			Spare			
			Spare			1	20	29	C	30	20	1			Spare			
			Spare			1	20	31	A	32	20	1			Spare			
			Spare			1	20	33	A	34	20	1			Spare			
			Spare			1	20	35	B	36	20	1			Spare			
			Spare			1	20	37	A	38	20	1			Spare			
			Spare			1	20	39	B	40	20	1			Spare			
			Spare			1	20	41	C	42	20	1			Spare			
	1317		VA/LINE														1925	
2050																1126		
	584		Exterior canopy egr			1	20	7	B	8	20	1			LCP control So		100	

ØA= 4682 ØB= 2645 ØC= 3385

CONTINUOUS LOADS: 31816 x1.25= 39770
NON-CONTINUOUS LOADS: RECEPTACLES UP TO 10 kVA ____ x1.00= ____; REMAINDER ____ x0.50= ____; OTHER ____ x1.00 ____

TOTAL DESIGN kVA= 40 TOTAL DESIGN AMPS= 57

(1) Provide side lugs tap enclosure.

PANEL L3S

MOUNTING SURFACE — 14,000 A.I.C. SYM
480/277 VOLTS 3 PHASE 4 WIRE — MAIN 100 A — BUS 225 A

VOLT AMPS ØA	ØB	ØC	DESCRIPTION	RECEC	LIGHTG	OUTLETE	BKRR	CKTR		CKTR	BKRR	OUTLETE	LIGHTG	RECEC	DESCRIPTION	VOLT AMPS ØA	ØB	ØC
3058			Lighting Inverter			3	90	1	A	2	20	1			Lights office/meeting	3130		
	3058		-			-	-	3	B	4	20	1			Lights office		3100	
		3058	-			-	-	5	C	6	20	1			Lts receptr/office			3165
150			E rm lt 3S			1	20	7	A	8	20	1			Lights classroom 301	1710		
			Spare			1	20	9	B	10	20	1			Lights Elev. Lobby		600	
			Spare			1	20	11	C	12	20	1			Lights exterior can			75
			Spare			1	20	13	A	14	20	1			Spare			
			Spare			1	20	15	B	16	20	1			Spare			
			Spare			1	20	17	C	18	20	1			Spare			
			Spare			1	20	19	A	20	20	1			Spare			
			Spare			1	20	21	B	22	20	1			Spare			
			Spare			1	20	23	C	24	20	1			Spare			
			Spare			1	20	25	A	26	20	1			Spare			
			Spare			1	20	27	B	28	20	1			Spare			
			Spare			1	20	29	C	30	20	1			Spare			
			Spare			1	20	31	A	32	20	1			Spare			
			Spare			1	20	33	B	34