

Branch Panel: 2N

Location: Supply From: NDP Mounting: Surface Enclosure: Type 1				Volts: 480/277 Wye Phases: 3 Wires: 4			A.I.C. Rating: 18000 Mains Type: MCB Mains Rating: 400 A MCB Rating: 400 A			
CKT	Poles	Trip	Circuit Description	A	B	C	Circuit Description	Trip	Poles	CKT
1	1	20 A	Men's Rm LTG	0 / 0	0 / 0		Existing Load	20 A	1	2
3	1	20 A	Women's Rm LTG				2' Section Baby Pool (E)	20 A	1	4
5	1	20 A	Baby Pool (N)			0 / 0	Lane Pool (N)	20 A	1	6
7	1	20 A	Parking Lot	0 / 0			Diving Well (E)	20 A	1	8
9	1	20 A	Lane Pool		0 / 0		Lane Pool (S.E.)	20 A	1	10
11	1	20 A	Diving Well			0 / 0	Admissions Building	100 A	2	12
13	1	20 A	Parking Lot LTG	0 / 0			--	--	--	14
15	1	20 A	Parking Lot LTG		0 / 0		Building Soft LTG	20 A	1	16
17	3	30 A	HHW			0 / 0	45 kVA XFMR in Concessions	50 A	3	18
19	--	--	--	0 / 0			--	--	--	20
21	--	--	--		0 / 0		--	--	--	22
23	3	50 A	37.5 kVA XFMR in This Rm			0 / 0	--	--	--	24
25	--	--	--	0 / 0			Tot Feature Pump	20 A	3	26
27	--	--	--		0 / 0		--	--	--	28
29	3	60 A	Pool RT & LT Planter LTG			0 / 0	--	--	--	30
31	--	--	--	0 / 0			Tot Filter Pump	20 A	3	32
33	--	--	--		0 / 0		--	--	--	34
35	1	60 A	Existing Load			0 / 0	--	--	--	36
37	3	30 A	HHW	0 / 0			Lane Pool (S.W.)	20 A	1	38
39	--	--	--		0 / 6667		Family Toilet IWH (E-1)	35 A	3	40
41	--	--	--			0 / 6667	--	--	--	42
43	1	20 A	Spare	0 / 6667			--	--	--	44
45	1	20 A	Spare		0 / 0		Spare	20 A	1	46
47	1	20 A	Spare			0 / 0	Spare	20 A	1	48
49	1	20 A	Spare	0 / 0			SPD*	30 A	3	50
51	1	20 A	Spare		0 / 0		--	--	--	52
53	1	20 A	Spare			0 / 0	--	--	--	54
				6667 VA	6667 VA	6667 VA				
				24 A	24 A	24 A				

Load Classification	Connected Load	Demand Factor	Estimated...	Panel Totals
Other	20000 VA	100.00%	20000 VA	
				Total Conn. Load: 20000 VA
				Total Est. Demand: 20000 VA
				Total Conn. Current: 24 A
				Total Est. Demand... 24 A

Notes: BOLD indicates work to be performed under alternate (ALT # indicated in parenthesis); if alternate is not accepted, circuit shall become...
Provide Bolt-on Breakers, Full Rated Copper Buses, and Equipment Ground Bars
Provide Leviton Cat # 32277-DY3 Surge Protection Device (SPD) with Flush Mounted Enclosure and Dedicated 30A/3p Breaker/Feed or Provide Integrated Equivalent SPD by Equipment Manufacturer

Branch Panel: 3N

Location: Supply From: Surface Mounting: Surface Enclosure: Type 1				Volts: 120/208 Wye Phases: 3 Wires: 4			A.I.C. Rating: Mains Type: MCB Mains Rating: 100 A MCB Rating: 100 A			
CKT	Poles	Trip	Circuit Description	Phase A (VA)	Phase B (VA)	Phase C (VA)	Circuit Description	Trip	Poles	CKT
1	1	20 A	Men's Rm Rcpts	0 / 0			Wall Ltgs/Pool Side Ltgs	20 A	1	2
3	1	20 A	Men's Rm Rcpts		0 / 0		HPS Wall (S) End	20 A	1	4
5	1	20 A	Pump Storage Rm			0 / 0	HPS Wall (N) End	20 A	1	6
7	1	20 A	HPS Front (N) End	0 / 0			Women's Rm Rcpts	20 A	1	8
9	1	20 A	HPS Snack Bar/Front (S) End		0 / 0		Parking Lot & Flagpole	20 A	1	10
11	1	20 A	Existing Load			0 / 0	Women's Rm Rcpts	20 A	1	12
13	1	20 A	EF-1	0 / 0			Life Guard Rcpts	20 A	1	14
15	1	20 A	EF-3, EF-6, & SF-1		0 / 0		Toilet Rm LTG (E-1)	20 A	1	16
17	1	20 A	Existing Load			0 / 56	Toilet Rm Facade LTG (E-1)	20 A	1	18
19	1	20 A	Pool Manager Rcpts	0 / 0			Hand Dryer Men's Rm	20 A	1	20
21	1	20 A	Chlorine System Rcpts		0 / 0		Hand Dryer Women's Rm	20 A	1	22
23	1	20 A	Clock			0 / 0	EF-2	20 A	1	24
25	1	20 A	RCPTS - Family Toilet Rm...	540 / 0			Existing Load	20 A	1	26
27	1	20 A	EF-5 (E-1)		250 / 0		Existing Load	20 A	1	28
29	1	20 A	EF-1			1840 / 0	Filter Rm Rcpts	20 A	1	30
31	1	20 A	EF-2	1840 / 360			WP/IGFI Rcpts @ EF 1 & EF 2	20 A	1	32
33	1	20 A	EF-7		250 / 0		Spare	20 A	1	34
35	1	20 A	Spare			0 / 0	Spare	20 A	1	36
37	3	100 A	MCB	0 / 0			SPD*	30 A	3	38
39	--	--	--		0 / 0		--	--	--	40
41	--	--	--			0 / 0	--	--	--	42
				2740 VA	500 VA	1896 VA				
				25 A	4 A	18 A				

Load Classification	Connected Load	Demand Factor	Estimated...	Panel Totals
Other	4236 VA	100.00%	4236 VA	
Receptacle	900 VA	100.00%	900 VA	
				Total Conn. Load: 5136 VA
				Total Est. Demand: 5136 VA
				Total Conn. Current: 14 A
				Total Est. Demand... 14 A

Notes: BOLD indicates work to be performed under alternate (ALT # indicated in parenthesis); if alternate is not accepted, circuit shall become...
Provide Bolt-on Breakers, Full Rated Copper Buses, and Equipment Ground Bars
* - Provide Leviton Cat # 32120-DY3 Surge Protection Device (SPD) with Flush Mounted Enclosure and Dedicated 30A/3p Breaker/Feed or Provide Integrated Equivalent SPD by Equipment Manufacturer
ITALICS indicates existing circuit to be migrated to new panel; splice and extend circuit as necessary, matching existing feeders

Branch Panel: CN

Location: Supply From: Surface Mounting: Surface Enclosure: Type 1				Volts: 120/240 Single Phases: 1 Wires: 3			A.I.C. Rating: 10000 Mains Type: MCB Mains Rating: 100 A MCB Rating: 40 A			
CKT	Poles	Trip	Circuit Description	Phase A (VA)	Phase B (VA)	Phase C (VA)	Circuit Description	Trip	Poles	CKT
1	1	20 A	Bathroom Storage	0 / 0			Hood LTG	20 A	1	2
3	1	20 A	Ex. Load		0 / 0		HHW	20 A	1	4
5	1	20 A	Main Area LTG	0 / 0			Slush Machine	20 A	1	6
7	1	20 A	Fire Suppression			0 / 0	Ex. Load	20 A	1	8
9	1	20 A	LTG - Concessions Canopy	84 / 1000	0 / 0		Canopy Ceiling Fans	20 A	1	10
11	1	--	Space		0 / 0		Space	--	1	12
13	1	--	Space	0 / 0			Space	--	1	14
15	1	20 A	Spare		0 / 0		Spare	20 A	1	16
17	1	20 A	Spare	0 / 0			Spare	20 A	1	18
19	1	20 A	Spare		0 / 0		Spare	20 A	1	20
21	2	40 A	MCB	0 / 0			SPD	30 A	2	22
23	--	--	--			0 / 0	--	--	--	24
				1084 VA	0 VA	0 VA				
				9 A	0 A	0 A				

Load Classification	Connected Load	Demand Factor	Estimated...	Panel Totals
				Total Conn. Load: 1084 VA
				Total Est. Demand: 1084 VA
				Total Conn. Current: 5 A
				Total Est. Demand... 5 A

Notes:
Provide Bolt-on Breakers, Full Rated Copper Buses, Equipment Ground Bars and Isolated Ground Bar (where Required)
Provide Leviton Cat #32120-1 Surge Protection Device (SPD) with Flush Mounted Enclosure and Dedicated 30A/2P Breaker/Feed or Provide Integrated Equivalent SPD by Equipment Manufacturer
TALICS indicates existing circuit to be migrated from existing panelboard

Load Classification	Connected Load	Demand Factor	Estimated...	Panel Totals
				Total Conn. Load: 1084 VA
				Total Est. Demand: 1084 VA
				Total Conn. Current: 5 A
				Total Est. Demand... 5 A

Notes: Provide Bolt-on Breakers, Full Rated Copper Buses, Equipment Ground Bars and Isolated Ground Bar (where Required)
Provide Leviton Cat # 32120-1 Surge Protection Device (SPD) with Flush Mounted Enclosure and Dedicated 30A/2p Breaker/Feed or Provide Integrated Equivalent SPD by Equipment Manufacturer
ITALICS indicates existing circuit to be migrated from existing panel/board

Branch Panel: FLV

Location: Electrical Room 202				Volts: 120/208 Wye			A.I.C. Rating: 10000			
Supply From: XFB				Phases: 3			Mains Type: MCB			
Mounting: Surface				Wires: 4			Mains Rating: 100 A			
Enclosure: Type 1							MCB Rating: 100 A			
CKT	Poles	Trip	Circuit Description	Phase A (VA)	Phase B (VA)	Phase C (VA)	Circuit Description	Trip	Poles	CKT
1	1	20 A	Spray Ground	0 / 0			Soda Mixer	20 A	2	2
3	1	20 A	Spray Ground		0 / 0		--	--	--	4
5	1	20 A	Spray Ground			0 / 0	Soccer Building	50 A	2	6
7	2	40 A	ELH**	3328 / 0			--	--	--	8
9	--	--	--		3328 / 0		Attic Lighting	20 A	1	10
11	2	30 A	Booster Pump			0 / 400	EF - Chem. & SF	20 A	1	12
13	--	--	--	0 / 667			EF - Filter Room	20 A	1	14
15	1	20 A	UV Treatment System**		1440 / 500		Chem Controller	20 A	1	16
17	1	20 A	Sodium Hydro. Pump			500 / 1840	Sodium Bisulfate System	20 A	1	18
19	1	20 A	Water Level Controller	90 / 500			Sump Control Panel	20 A	1	20
21	1	20 A	Convenience Rmpts		900 / 252		Filter Building LTG	20 A	1	22
23	1	20 A	Filter Building Exterior LTG			84 / 0	Spare	20 A	1	24
25	1	20 A	Spare	0 / 0			SPD*	30 A	3	26
27	1	20 A	Spare		0 / 0		--	--	--	28
29	1	20 A	Spare			0 / 0	--	--	--	30
				4585 VA	6420 VA	2824 VA				
				40 A	56 A	24 A				
Load Classification				Connected Load	Demand Factor	Estimated...	Panel Totals			
Lighting				0 VA	0.00%	0 VA				
Other				12929 VA	100.00%	12929 VA	Total Conn. Load: 13829 VA			
Receptacle				900 VA	100.00%	900 VA	Total Est. Demand: 13829 VA			
							Total Conn. Current: 38 A			
							Total Est. Demand... 38 A			
Notes: BOLD Indicates Existing Circuit to be Migrated From Existing Panel - Match, Split, and Extend Etc. Feeders as Necessary										
Provide Bolt-on Breakers, Full Rated Copper Busbars, and Equipment Ground Bars										
* - Provide Leviton Cat 3121D-DY3 Surge Protection Device (SPD) with Flush Mounted Enclosure and Dedicated 30A/3p Breaker/Feed or Provide Integrated Equipment SPD by Equipment Manufacturer										
** - Locking Breaker										

Load Classification	Connected Load	Demand Factor	Estimated...	Panel Totals
Lighting	0 VA	0.00%	0 VA	
Other	12929 VA	100.00%	12929 VA	
Receptacle	900 VA	100.00%	900 VA	
				Total Conn. Load: 13829 VA
				Total Est. Demand: 13829 VA
				Total Conn. Current: 38 A
				Total Est. Demand... 38 A

Notes: BOLD indicates Existing Circuit to be Migrated From Existing Panel - Match, Splice, and Extend Ex. Feeders as Necessary
Provide Bolt-on Breakers, Full Rated Copper Buses, and Equipment Ground Bars
* - Provide Leviton Cat # 32120-DY3 Surge Protection Device (SPD) with Flush Mounted Enclosure and Dedicated 30A/3p Breaker/Feed or Provide Integrated Equivalent SPD by Equipment Manufacturer
** - Locking Breaker

Branch Panel: NDP

Location: Electrical Room 202				Volts: 480/277 Wye			A.I.C. Rating: 42000			
Supply From: Surface				Phases: 3			Mains Type: MCB			
Mounting: Surface				Wires: 4			Mains Rating: 800 A			
Enclosure: Type 1							MCB Rating: 800 A			
CKT	Poles	Trip	Circuit Description	A	B	C	Circuit Description	Trip	Poles	CKT
NDP-1	3	70 A	XFMR *XFB*	4585 / 0			Outside Panel	150 A	3	NDP-2
NDP-3	--	--			6420 / 0	--		--	--	NDP-4
NDP-5	--	--				2824 / 0		--	--	NDP-6
NDP-7	3	125 A	PP1**	13810 / ...			Panel 2N	400 A	3	NDP-8
NDP-9	--	--			13810 / ...			--	--	NDP-10
NDP-11	--	--				13810 / ...		--	--	NDP-12
NDP-13	3	70 A	PP3** (E-3)	9030 / 0			Water Slide	40 A	3	NDP-14
NDP-15	--	--			9030 / 0			--	--	NDP-16
NDP-17	--	--				9030 / 0		--	--	NDP-18
NDP-19	3	15 A	PP2** (E-4)	1275 / 0			Lighting	20 A	1	NDP-20
NDP-21	--	--			1275 / 0		Ex. Sump**	20 A	3	NDP-22
NDP-23	--	--				1275 / 0		--	--	NDP-24
NDP-25	3	40 A	IWH	613 / 0				--	--	NDP-26
NDP-27	--	--			613 / 0		Space	--	1	NDP-28
NDP-29	--	--				613 / 0	Space	--	1	NDP-30
NDP-31	3	30 A	New Duplex Sump**	5817 / 0			Spare	20 A	3	NDP-32
NDP-33	--	--			5817 / 0			--	--	NDP-34
NDP-35	--	--				5817 / 0		--	--	NDP-36
NDP-37	3	20 A	Spare	0 / 0			SPD*	30 A	3	NDP-38
NDP-39	--	--						--	--	NDP-40
NDP-41	--	--				0 / 0		--	--	NDP-42
				41796 VA	43631 VA	40035 VA				
				152 A	158 A	145 A				
Load Classification			Connected Load	Demand Factor	Estimated...	Panel Totals				
Lighting			0 VA	0.00%	0 VA					
Other			124563 VA	100.00%	124563 VA	Total Conn. Load: 125463 VA				
Receptacle			900 VA	100.00%	900 VA	Total Est. Demand: 125463 VA				
						Total Conn. Current: 151 A				
						Total Est. Demand...: 151 A				
Notes: BOLD Indicates Existing Circuit to be Migrated From Existing Panel - Match, Splice, and Extend Ex. Feeders as Necessary										
- Provide Bolt-on Breakers, Full Rated Copper Busbars, and Equipment Ground Bars										
- Provide Leviton Cat # 32277-DY3 Surge Protection Device (SPD) with Flush Mounted Enclosure and Dedicated 30A/3p Breaker/Feed or Provide Integrated Equivalent SPD by Equipment Manufacturer										
* - Indicates locking breaker										
†ALTC/IS indicates work to performed under alternate (ALT # indicated in parenthesis) if alternate is not accepted, circuit shall become SPARE										