

PANEL: TYPICAL HOUSE POWER
LOCATION: COURT YARD AT SERVICE ENTRANCE
FEEDER SOURCE: NEAREST SERVICE ENTRANCE

VOLTAGE: 120/240V, 1Ø, 3W, 125A MAIN BREAKER, 125A MAIN BUS, WEATHERPROOF SURFACE MOUNTED W/EQUIPMENT GROUND BAR SIEMENS TYPE EQ OR EQUAL

CKT NO.	LOAD DESCRIPTION	BREAKER AMP POLE	LOAD (VA)	A ₁ B ₁ (VA)	A ₂ B ₂ (VA)	POLE AMP	LOAD DESCRIPTION	CKT NO.
1	GFI RECEPTACLE	20	1 720	1 720	1 720	1	GFI RECEPTACLE	2
3	SPRINKLER HEATER 5KW	30	2 5,000	2 5,000	1 720	1	GFI RECEPTACLE	4
5	SPRINKLER HEATER 5KW	30	2 5,000	2 5,000	1 1,000	1	EXTERIOR LIGHTING	6
7	EXTERIOR LIGHTING	1	1	1	1	1	SPARE	8
9	SPARE	1	1	1	1	1	SPARE	10
11	SPARE	1	1	1	1	1	SPACE	12
13	SPACE	1	1	1	1	1	SPACE	14
15	SPACE	1	1	1	1	1	SPACE	16
			TOTAL CONNECTED LOAD (VA)			GROUND BUS		
			A# = 7,440			B# = 5,720		

PANEL: LEASING OFFICE POWER/ LIGHTING
LOCATION: LAUNDRY ROOM
FEEDER SOURCE: SERVICE ENTRANCE

VOLTAGE: 120/208V, 1Ø, 3W, 200A MAIN BREAKER, 200A MAIN BUS FLUSH MOUNTED W/EQUIPMENT GROUND BAR SIEMENS TYPE EQ OR EQUAL

CKT NO.	LOAD DESCRIPTION	BREAKER AMP POLE	LOAD (VA)	A ₁ B ₁ (VA)	A ₂ B ₂ (VA)	POLE AMP	LOAD DESCRIPTION	CKT NO.
1	HEATER/BLOWER UNIT 5 TON	50	2 12,000	2 12,000	1 2,000	2	A/C COMPRESSOR	2
3	HOT WATER HEATER	30	2 4,500	2 4,500	1 300	1	A/C/ LIGHT RECEPT.	4
5	EXTERIOR GFI RECEPT.	20	1 1,200	1 1,200	1 600	1	EXTERIOR LIGHTS	6
7	COPY ROOM RECEPT.	20	1 600	1 600	1 1,500	1	EXIT LIGHTS	8
9	RESTROOM GFI RECEPT.	50	2 360	2 360	1 400	1	COPY ROOM LIGHTS	12
11	KITCHEN GFI RECEPT.	50	2 360	2 360	1 600	1	RESTROOM/ HALL LIGHTS	14
13	KITCHEN GFI RECEPT.	20	1 360	1 360	1 200	1	KITCHEN LIGHTS	16
15	RANGE	20	2 5,000	2 5,000	1 800	1	ACTIVITIES LIGHTS	18
17	KITCHEN GFI RECEPT.	20	1 360	1 360	1 600	1	COPY/ MAINT. LIGHTS	20
19	KITCHEN GFI RECEPT.	20	1 360	1 360	1 600	1	LEASING/ SALES/ MANAGER LIGHTS	22
21	DISHWASHER	20	1 1,500	1 1,500	1 1,000	1	SMOKE DETECTORS	24
23	REFRIGERATOR	20	1 1,200	1 1,200	1	1	EXTERIOR LIGHTS	26
25	ACTIVITIES RECEPT.	20	1 700	1 700	1	1	EXTERIOR LIGHTS	28
27	ACTIVITIES RECEPT.	20	1 700	1 700	1	1	SPARE	30
29	LEASING/ SALES RECEPT.	20	1 700	1 700	1	1	SPARE	32
31	MANAGER RECEPT.	20	1 700	1 700	1	1	SPARE	34
33	MAINTENANCE RECEPT.	20	1 700	1 700	1	1	SPARE	36
35	HALL/ FILE RECEPT.	20	1 700	1 700	1	1	SPARE	38
37	VENDING RECEPT.	20	1 1,200	1 1,200	1	1	SPARE	40
			TOTAL CONNECTED LOAD (VA)			GROUND BUS		
			A# = 43,080			B# = 41,520		

PANEL 1PUL: TYPICAL 1 BEDROOM UNITS
LOCATION: UTILITY ROOM
FEEDER SOURCE: NEAREST SERVICE ENTRANCE

VOLTAGE: 120/240V, 1Ø, 3W, 125A MAIN BREAKER, 200A MAIN BUS FLUSH MOUNTED W/EQUIPMENT GROUND BAR SIEMENS TYPE EQ OR EQUAL

CKT NO.	LOAD DESCRIPTION	BREAKER AMP POLE	LOAD (VA)	A ₁ B ₁ (VA)	A ₂ B ₂ (VA)	POLE AMP	LOAD DESCRIPTION	CKT NO.
1	HEATER/BLOWER UNIT 3 TON	50	2 12,000	2 12,000	1 4,000	2	A/C COMPRESSOR	2
3	WASHER	30	1 5,000	1 5,000	1 4,500	2	WATER HEATER	4
5	DISHWASHER	30	1 1,500	1 1,500	1	1	DRYER	6
7	RANGE	50	2 5,000	2 5,000	1 1,200	1	DRYER	8
9	HOOD/MICROWAVE	20	1 1,200	1 1,200	1 500	1	LIVING/ DINING/ UTIL/ KITCHEN/ HALL LIGHTS	10
11	GARAGE LIGHTS	20	1 400	1 400	1 2,000	1	REFRIGERATOR	12
13	KITCHEN GFI RECEPTACLE	20	1 360	1 360	1 775	1	MASTER BATH/ CLOSET LIGHTS	14
15	BATHROOM GFI RECEPT.	20	1 360	1 360	1 700	1	LIVING/ DINING RM./ KIT. RECEPT.	16
17	KITCHEN GFI RECEPTACLE	20	1 360	1 360	1 1,050	1	RECEPT. MASTER BDRM.	18
19	KITCHEN GFI RECEPTACLE	20	1 360	1 360	1 1,000	1	SMOKE DETECTORS	20
21	KITCHEN GFI RECEPTACLE	20	1 360	1 360	1	1	SMOKE DETECTORS	22
23	GARAGE RECEPTACLE	20	1 175	1 175	1	1	SPARE	24
			TOTAL CONNECTED LOAD (VA)			GROUND BUS		
			A# = 35,665			B# = 33,195		

PANEL 2PUL: TYPICAL 2 BEDROOM UNITS
LOCATION: UTILITY ROOM
FEEDER SOURCE: NEAREST SERVICE ENTRANCE

VOLTAGE: 120/240V, 1Ø, 3W, 125A MAIN BREAKER, 200A MAIN BUS FLUSH MOUNTED W/EQUIPMENT GROUND BAR SIEMENS TYPE EQ OR EQUAL

CKT NO.	LOAD DESCRIPTION	BREAKER AMP POLE	LOAD (VA)	A ₁ B ₁ (VA)	A ₂ B ₂ (VA)	POLE AMP	LOAD DESCRIPTION	CKT NO.
1	HEATER/BLOWER UNIT 3 TON	50	2 12,000	2 12,000	1 4,000	2	A/C COMPRESSOR	2
3	CLOTHES DRYER	30	2 5,000	2 5,000	1 4,500	2	WATER HEATER	4
5	RANGE	50	2 5,000	2 5,000	1 1,200	1	WASHING MACHINE	6
7	HOOD/ MICROWAVE	20	1 1,200	1 1,200	1 360	1	KITCHEN GFI RECEPTACLE	8
9	BATHROOM 1 LIGHTING	20	1 1,200	1 1,200	1 2,000	1	REFRIGERATOR	10
11	KITCHEN GFI RECEPTACLE	20	1 360	1 360	1 875	1	DINING ROOM RECEPT.	12
13	KITCHEN GFI RECEPTACLE	20	1 360	1 360	1 875	1	LIVING ROOM RECEPT.	14
15	MASTER BATH LIGHTING	20	1 600	1 600	1 1,050	1	MASTER BDRM. RECEPT.	16
17	MASTER BATH/BATH RCPT.	20	1 720	1 720	1 1,050	1	BED 2/ HALL RECEPT.	18
19	PORCH/ BDRM 2/ KIT/ DINING/ LIVING	20	1 700	1 700	1 700	1	UTIL/ BDRM 2/ HALL/ KIT/ DINING LIGHTS	20
21	SMOKE DETECTORS	20	1 1,000	1 1,000	1 1,500	1	DISHWASHER	22
23	KITCHEN GFI RECEPTACLE	20	1 360	1 360	1 360	1	KITCHEN GFI RECEPTACLE	24
			TOTAL CONNECTED LOAD (VA)			GROUND BUS		
			A# = 40,405			B# = 49,905		

PANEL 3PUL: TYPICAL 3 BEDROOM UNIT
LOCATION: BEDROOM
FEEDER SOURCE: NEAREST SERVICE ENTRANCE

VOLTAGE: 120/240V, 1Ø, 3W, 125A MAIN BREAKER, 200A MAIN BUS FLUSH MOUNTED W/EQUIPMENT GROUND BAR SIEMENS TYPE EQ OR EQUAL

CKT NO.	LOAD DESCRIPTION	BREAKER AMP POLE	LOAD (VA)	A ₁ B ₁ (VA)	A ₂ B ₂ (VA)	POLE AMP	LOAD DESCRIPTION	CKT NO.
1	HEATER/BLOWER UNIT 5 TON	60	2 12,000	2 12,000	1 4,000	2	A/C COMPRESSOR	2
3	WASHER	30	1 1,200	1 1,200	1 4,500	2	WATER HEATER	4
5	DISHWASHER	20	1	1	1	1	WATER HEATER	6
7	RANGE	40	2 5,000	2 5,000	1 5,000	2	DRYER	8
9	HOOD/MICROWAVE	20	1 1,200	1 1,200	1 875	1	MASTER BED. 2/ 3/ HALL/ ENTRY LIGHTS	10
11	LIVING/ DINING/ KITCHEN LIGHTS	20	1 700	1 700	1 360	1	KITCHEN GFI RECEPTACLE	12
13	KITCHEN GFI RECEPTACLE	20	1 360	1 360	1 2,000	1	REFRIGERATOR	14
15	DINING ROOM/ PORCH 2 RECEPT.	20	1 1,050	1 1,050	1 700	1	LIVING/ HALL/ PORCH 1 RECEPT.	16
17	MSR. BED/GAR. RECEPT.	20	1 1,225	1 1,225	1 1,550	1	MASTER BATH/BATH/CLO	18
19	BEDROOM 3 RECEPT.	20	1 875	1 875	1 875	1	UTILITY RM. LIGHTS	20
21	BEDROOM GFI RECEPT.	20	1 360	1 360	1 360	1	MSR. BATH GFI RECEPT.	22
23	PORCH/ GAR./STO. LTS.	20	1 525	1 525	1 1,000	1	SMOKE DETECTORS	24
			TOTAL CONNECTED LOAD (VA)			GROUND BUS		
			A# = 39,630			B# = 37,735		

PANEL SCHEDULES
REFLECTIONS OF ISLAND PARK
APARTMENT COMMUNITY
SHREVEPORT, LOUISIANA

REFLECTIONS OF ISLAND PARK
DAMMON ENGINEERING. INC.
1095 FLORIDA AVENUE 985-649-5832 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

SCALE: AS NOTED
FILE:
JOB NO. 1817
DATE: 01-12-07
SHEET

OF
E. 12