PANEL: MDP-1
LOCATION: TOWERS BLDG 2ND FLOOR
FEEDER SOURCE: CLECO

VOLTAGE: 277/440V, 800A 3ø, 4W
NEW SURFACE MOUNT PNL
SQUARE D TYPE QMB LOAD CENTER W/MAIN BRK
AND REMOTE 110/240V SHUNT TRIP BUTTON AT THE METER

CKT. NO.	LOAD DESCRIPTION LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)		LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION LOCATION	CKT. NO.
1	PL1 (CKT 1)	200	3	63267		78400	3	200	PL2 (CKT 2)	2
3	PL3 (CKT 3)	200	3	78600		76400	3	200	PL4 (CKT 4)	4
5	PL5 (CKT 5)	200	3	79050		121398	3	200	PL6 (CKT 6)	6
7	80 TON PL7 CHILLER 1 (CKT 7)	250	3	96000		96000	3	250	80 TON PL8 CHILLER 2 (CKT 8)	8
					A ø B ø C ø					

SOLID NEUTRAL NEUTRAL WIRE (W)

TOTAL CONNECTED LOAD (VA)
A ø=229705 | B ø=229705 | C ø=229705

COPPER GROUND BUS GROUND WIRE (G)

PANEL: PL-1
LOCATION: TOWERS BLDG 2ND FLOOR
FEEDER SOURCE: MDP 1 CKT 1

VOLTAGE: 277/440V, 200A 3PH, 4W
NEW SURFACE MOUNT PNL
SQUARE D TYPE QO LOAD CENTER W/MAIN BRK

CKT. NO.	LOAD DESCRIPTION LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)	A ø B ø C ø	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION LOCATION	CKT. NO.
1	ROOMS 113, 116 LIGHTS	20	1	1400		1000	1	20	EAST STORAGE LIGHTS	2
3	REST ROOM LIGHTS	20	1	1200		1000	1	20	EAST HALL LIGHTS	4
5	SPARE	20	1	–		1200	1	20	WEST HALL LIGHTS	6
7	EMERGENCY LIGHTS	20	1	400		1000	1	20	PORTRAIT SPOTS EAST HALL	8
9	XFRMR 30KW TO LP-1 440/-120V/240V	50	3	20000		10000	2	20	AH-1 AIR HANDLER ROOM 202	10
11	SPACE	–	–	–		5000	1	30	DUCT HTR. 1-1W. EXIT CORR.	12
13	SPACE	–	–	–		5000	1	30	DUCT HTR. 1-2 NE EXIT CORR.	14
15	SPACE	–	–	–		5000	1	30	DUCT HTR. 1-3 SE EXIT CORR.	16
17	PARKING LOT LIGHTING, EAST	20	1	1800		–	1	20	SPARE	18
19	PARKING LOT LIGHTING, WEST	20	1	1800		1000	1	30	PORTRAIT SPOTS WEST HALL	20
21	PARKING LOT LIGHTING, FRONT	20	1	1800		–	1	20	FUTURE 277V OUTDOOR LIGHTING	22
23	STAIRWELL FLUORESCENTS WEST	20	1	200		–	1	20	FUTURE 277V OUTDOOR LIGHTING	24
25	FRONT BUILDING LIGHTS	20	1	1800		–	1	20	FUTURE 277V OUTDOOR LIGHTING	26
27	STAIRWELL FLUORESCENTS EAST	20	1	200		1400	1	20	PORTE COCHERE LIGHTING	28
29	NIGHTLIGHTS	20	1	1600		1600	1	20	NIGHTLIGHTS	32
31	SPACE	–	–	–		–	–	–	SPACE	34
33	SPACE	–	–	–		–	–	–	SPACE	36
35	SPACE	–	–	–		–	–	–	SPACE	38
37	SPACE	–	–	–		–	–	–	SPACE	40

SOLID NEUTRAL NEUTRAL WIRE (W)

TOTAL CONNECTED LOAD (VA)
A ø=18867 | B ø=22400 | C ø=22000

GROUND BUS GROUND WIRE (G)

PANEL: PL-2
LOCATION: MECHANICAL ROOM 2ND FLOOR
FEEDER SOURCE: MDP 1 CKT 2

VOLTAGE: 277/440V, 200A 3PH, 4W
NEW SURFACE MOUNT PNL
SQUARE D TYPE QO LOAD CENTER W/MAIN BRK

CKT. NO.	LOAD DESCRIPTION LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)	A ø B ø C ø	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION LOCATION	CKT. NO.
1	ROOM 209 LIGHTS	20	1	1600		1600	1	20	ROOM 209 LIGHTS	2
3	ROOM 211 LIGHTS	20	1	1100		1600	1	20	ROOM 215, 216, 217 LIGHTS	4
5	SPARE	30	1	–		1600	1	20	WEST HALL LIGHTS	6
7	EMERGENCY LIGHTS	20	1	400		1400	1	20	EAST HALL LIGHTS	8
9	XFRMR 30KW TO PP-2 440/-120V/240V	50	3	20000		–	3	20	SPARE	10
11	ROOM 208 LIGHTS	20	1	800		400	1	20	ROOM 218 LIGHTS	12
13	ROOM 205, 206, 213, 214 LTS.	20	1	1500		600	1	20	RESTROOM EXHAUST FANS	14
15	ROOM 202 MEZZ. LIGHTS	20	1	1200		1600	1	20	NIGHT LIGHTS	16
17	VAV/HTR #2-1 W. CORR.	50	1	4000		10000	3	30	AH-2 AIR HANDLER	18
19	VAV/HTR #2-4 ROOM 208	40	1	4000						
21	VAV/HTR #2-2 ROOM 216	30	1	3000						
23	VAV/HTR #2-3 ROOM 219	30	1	5000		3000	1	30	VAV/ HTR #2-5 ROOM 211	20
25	VAV/ HTR #2-6 RM 208	30	1	5000		4000	1	30	DUCT HEATER #2-7 ROOM 214	22
27	DUCT HEATER # 2-8 MEZZ.	30	1	5000		–	–	–	SPACE	24
29	SPACE	–	–	–		–	–	–	SPACE	26
31	SPACE	–	–	–		–	–	–	SPACE	28
33	SPACE	–	–	–		–	–	–	SPACE	30
35	SPACE	–	–	–		–	–	–	SPACE	32
37	SPACE	–	–	–		–	–	–	SPACE	34

SOLID NEUTRAL NEUTRAL WIRE (W)

TOTAL CONNECTED LOAD (VA)
A ø=25800 | B ø=25900 | C ø=26700

GROUND BUS GROUND WIRE (G)

PANEL: PP-1
LOCATION: TOWERS BLD 2ND FLOOR NEW MECHANICAL ROOM
FEEDER SOURCE:PP-11 CKT 9

VOLTAGE: 240/120V, 125A 1ø ML
TYPE: SURFACE MOUNT WITH EQ. GRND. BAR, MLO
SQUARE D TYPE QO LOAD CENTER

CKT. NO.	LOAD DESCRIPTION LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)	A ø B ø	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION LOCATION	CKT. NO.
1	N. LOBBY/ CORR. RECEPTACLES	20	1	1620		1080	1	20	CONFERENCE ROOM RECEPTACLES	2
3	RESTROOM RECEPTACLES	20	1	1620		1000	1	20	CONFERENCE ROOM RECEPTACLES	4
5	MAIN LOBBY RECEPTACLES	20	1	1260		1440	1	20	WATER HEATER	6
7	RESTROOM EXHAUST VENTS	20	1	400		1000	1	20	EXTERIOR GFI RECEPTACLES EAST	8
9	UTILITY COLUMN ROOM 116	20	1	1200		1000	1	20	EXTERIOR GFI RECEPTACLES WEST	10
11	RESTROOM RECEPTACLES	20	1	1000		1200	1	20	UTILITY COLUMN ROOM 115	12
13	RECEPTACLES RM 120	20	1	1000		1000	1	20	RECEPTACLES RM 113	14
	SPACE			–		–			SPACE	16
	SPACE			–		–			SPACE	18
	SPACE			–		–			SPACE	20
	SPACE			–		–			SPACE	22
	SPACE			–		–			SPACE	24

SOLID NEUTRAL NEUTRAL WIRE (W)

TOTAL CONNECTED LOAD (VA)
A ø=9600 | B ø=6220

GROUND BUS GROUND WIRE (G)

PANEL: PP-2
LOCATION: TOWERS BLD 2ND FLOOR NEW MECHANICAL ROOM
FEEDER SOURCE:PL-2 CKT 9

VOLTAGE: 240/120V, 125A 1ø ML
TYPE: SURFACE MOUNT WITH EQ. GRND. BAR, MLO
SQUARE D TYPE QO LOAD CENTER

CKT. NO.	LOAD DESCRIPTION LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)	A ø B ø	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION LOCATION	CKT. NO.
1	SPARE			–		1080	1	20	PERMITS/ ELEV. EQ. RECEPT.	2
3	PERMIT WAITING/ ROOM. 211 RECEPTACLES	20	1	1620		1000	1	20	VETERANS RECEPTACLES	4
5	RESTROOM / MECH. RECEPT.	20	1	1260		1440	1	20	ROOM 214 RECEPTACLES	6
7	CORRIDOR RECEPTACLES	20	1	1400		1000	1	20	UTILITY COLUMN ROOM 208	8
9	UTILITY COLUMN ROOM 209	20	1	1000		1000	1	20	UTILITY COLUMN ROOM 208	10
11	MEZZANINE RECEPTACLES	20	1	1400		1400	1	20	RESTROOM EXHAUST FANS	12
13	WATER HEATER	30	1	3000		1000	1	30	MECHANICAL ROOM RECEPT.	14
15	UTILITY COLUMN ROOM 209	20	1	1000		–	1	20	SPARE	16
17	UTILITY COLUMN ROOM 209	20	1	1000		1000	1	20	UTILITY COLUMN ROOM 208	18
19	UTILITY COLUMN ROOM 209 E.	20	1	1000		1000	1	20	UTILITY COLUMN ROOM 217	20
21	VETERANS OFFICE RM. 217/ 209	20	1	540		900	1	20	ROOMS 208/ 211 RECEPTACLES	22
23	UTILITY COLUMN ROOM 219	20	1	1200		720	1	20	ROOM 219 RECEPTACLES	24
25	ROOM 219 RECEPTACLES	20	1	720		1000			UTILITY COLUMN ROOM 208	26
27	UTILITY COLUMN ROOM 208			1000		–			SPACE	28
29	SPACE			–		–			SPACE	30
31	SPACE			–		–			SPACE	32
33	SPACE			–		–			SPACE	34
35	SPACE			–		–			SPACE	36
37	SPACE			–		–			SPACE	38
39	SPACE			–		–			SPACE	40
41	SPACE			–		–			SPACE	42

SOLID NEUTRAL NEUTRAL WIRE (W)

TOTAL CONNECTED LOAD (VA)
A ø=15660 | B ø=13020

GROUND BUS GROUND WIRE (G)

NEW POWER PANELS

HVAC REVISED: 11/05/07 ab
REVISED: 05/09/07 KD

CONTRACT SET- 10/10/07

NEW POWER PANELS

ST. TAMMANY PARISH ADMIN. COMPLEX
520 OLD SPANISH TRAIL
SLIDELL, LOUISIANA

RENOVATE OFFICE BUILDING

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

SCALE:AS NOTED
FILE:
JOB NO.
DATE:1-8-07
SHEET E9
OF