PANEL: PP-6
LOCATION: TOWERS BLD 6TH FLOOR MECHANICAL ROOM
TYPE: SURFACE MOUNT WITH EQ. GRND. BAR, MLO
FEEDER SOURCE: PL-6 CKT 9

VOLTAGE: 240/120V, 125A 1ø ML
SQUARE D TYPE QO LOAD CENTER

CKT. NO.	LOAD DESCRIPTION	BREAKER AMP	BREAKER POLE	LOAD (VA)	LOAD (VA)	AØ	BØ	CKT. NO.
	LOCATION	AMP	POLE					
1	PARISH PRES. ASSISTANT RCPT.	20	1	1620	1080	1	20	PARISH PRESIDENT RECEPTACLES	2
3	PARISH PRESIDENT RECEPTACLES	20	1	1620	1400	1	20	PARISH BREAK ROOM RCPT.	4
5	PARISH PRES. SECRETARY RCPT.	20	1	1260	1440	1	20	EAST STORAGE RCPT.	6
7	MECHANICAL ROOM RECEPTACLES	20	1	1500	1500	1	20	HALL RECEPTACLES	8
9	PARISH PRESIDENT RECEPTACLES	20	1	1500	1500	1	20	STORAGE RECEPTACLES	10
11	STORAGE RECEPTACLES	20	1	1200	1200	1	20	HALL RECEPTACLES	12
13	BATHROOM EXHAUST VENTS	20	1	1000	1500	1	20	WATER HEATER	14
15	WATER HEATER	30		1800	1500	1	20	UTILITY COLM ROOM 611	16
17	UTILITY COLUMN RM 601	1500		1500	500	1	20	SECURITAS SYSTEM	18
19	UTILITY COLUMN RM 601	1500			1500	1	20	UTILITY COLUMN RM 601	20
21	RECEPTACLES RM 603	1500		1800	1500	1	20	PARISH PRESIDENT RECEPTACLES	22
23	SPACE				–			SPACE	24
25	SPACE				–			SPACE	26
27	SPACE				–			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)
AØ= 10,500 BØ=10520

GROUND BUS
GROUND WIRE (G)

PANEL: PP-7
LOCATION: TOWERS BLD ROOF MECHANICAL ROOM
FEEDER SOURCE:PL7 CKT 1

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

CKT. NO.	LOAD DESCRIPTION	BREAKER AMP	BREAKER POLE	LOAD (VA)	LOAD (VA)	AØ	BØ	CKT. NO.
	LOCATION	AMP	POLE					
1	LIGHTS IN PENTHOUSE	20	1	400	1500	1	20	REC. PENTHOUSE	2
3	ROOF LIGHTS	20	1	600	1500	1	20	REC. GR1 EXTOR PENTHOUSE	4
5	EMERGENCY LIGHTS	20	1	600	1500	2	20	A/C IN ELEV. CONTROLROOM	6
7	SPARE	20	1	–			20		8
9	SPARE	20	1	–	–	–	1	20	SPARE	10
11	SPARE	20	1	–	–	–	1	20	SPARE	12
13	SPARE	20	1	–	–	–	1	20	SPARE	14
15	SPARE	20	1	–	–	–	1	20	SPARE	16
17	SPARE	20	1	–	–	–	1	20	SPARE	18
19	SPARE	20	1	–	–	–	1	20	SPARE	20
21	SPARE	20	1	–	–	–	1	20	SPARE	22
23	SPARE	20	1	600	–	–	1	20	SPARE	24
25	SPACE				–			SPACE	26
27	SPACE				–			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)
AØ=3400 BØ=3600

GROUND BUS
GROUND WIRE (G)

PANEL: PL-7
LOCATION: TOWERS BLD ROOF MECHANICAL ROOM
FEEDER SOURCE: PP-6 CKT 10

VOLTAGE: 277/480V, 200A 3PH, 4W
NEW SURFACE MOUNT PNL
SQUARE D TYPE QO LOAD CENTER W/MAIN BRK

CKT. NO.	LOAD DESCRIPTION	BREAKER AMP	BREAKER POLE	LOAD (VA)	LOAD (VA)	AØ	BØ	CØ	CKT. NO.
	LOCATION	AMP	POLE						
1	LIGHTS RM 601	20	1	1400	1000	1	20	NECH RM 609 STORAGE RM 605	2
3	LIGHTS RM 602,603,604,608	20	1	1200	1600	1	20	NIGHT LIGHTS	4
5	WATER HEATER	20	1	1200	1200	1	20	WEST HALL 600	6
7	EMERGENCY LIGHTS	20	1	400	1000	1	20	K. DAVIS SEC RM 610, 612	8
9	XFRMR 20KA TO PP-6 440/-120V/240V	50	3	20000	22000	3	100	PL-7 440/277V 3PH 4 WIRE	10
11	10HP HVAC MOTOR	30	3	10000	1400	1	20	K. DAVIS LUNCH 606, 607, 614	12
13					1500	1	20	K. DAVIS OFFICE 613	13
15	LIGHTS RM 611	20	1	1400	1500	1	20	K. DAVIS OFFICE 613	14
17	K. DAVIS BATHROOM VENTS	20	1	600	–	1	20	SPARE	16
19	HALL BATHROOM VENTS	20	1	600	–	–	–	SPACE	18
21	SPACE	–	–	–	25000	3	70	MAIN ELEVATOR MOTOR	20
22	VAV/HTR #6-2 RM 612	20	1	1500					
23	VAV/HTR #6-3 RM 613	20	1	3000	5000	1	30	DUCT HEATER #6-8 RM 601	24
25	VAV/HTR #6-4 RM 613	20	1	4000	5000	1	30	DUCT HEATER #6-7 RM 601	26
27	VAV/HTR #6-5 RM 605	30	1	6000	5000	1	30	DUCT HEATER #6-8 RM 611	28
29	VAV/HTR #6-1 RM 611	80	3	21000	–	–	–	SPACE	30
					–	–	–	SPACE	32
					–	–	–	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)
AØ=45565 BØ=43365 CØ=39665

GROUND BUS
GROUND WIRE (G)

PANEL: PL-6
LOCATION: TOWERS BLD 6TH FLOOR MECHANICAL ROOM
FEEDER SOURCE: MDP 1 CKT 6

VOLTAGE: 277/480V, 200A 3PH, 4W
NEW SURFACE MOUNT PNL
SQUARE D TYPE QO LOAD CENTER W/MAIN BRK

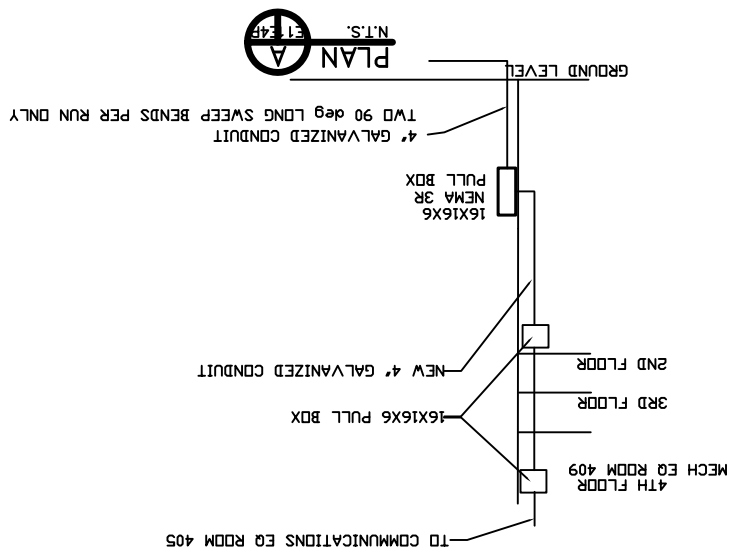
CKT. NO.	LOAD DESCRIPTION	BREAKER AMP	BREAKER POLE	LOAD (VA)	LOAD (VA)	AØ	BØ	CØ	CKT. NO.
	LOCATION	AMP	POLE						
1	LIGHTS RM 601	20	1	1400	1000	1	20	NECH RM 609 STORAGE RM 605	2
3	LIGHTS RM 602,603,604,608	20	1	1200	1600	1	20	NIGHT LIGHTS	4
5	WATER HEATER	20	1	1200	1200	1	20	WEST HALL 600	6
7	EMERGENCY LIGHTS	20	1	400	1000	1	20	K. DAVIS SEC RM 610, 612	8
9	XFRMR 20KA TO PP-6 440/-120V/240V	50	3	20000	22000	3	100	PL-7 440/277V 3PH 4 WIRE	10
11	10HP HVAC MOTOR	30	3	10000	1400	1	20	K. DAVIS LUNCH 606, 607, 614	12
13					1500	1	20	K. DAVIS OFFICE 613	13
15	LIGHTS RM 611	20	1	1400	1500	1	20	K. DAVIS OFFICE 613	14
17	K. DAVIS BATHROOM VENTS	20	1	600	–	–	–	SPACE	16
19	HALL BATHROOM VENTS	20	1	600	–	–	–	SPACE	18
21	SPACE	–	–	–	25000	3	70	MAIN ELEVATOR MOTOR	20
22	VAV/HTR #6-2 RM 612	20	1	1500					
23	VAV/HTR #6-3 RM 613	20	1	3000	5000	1	30	DUCT HEATER #6-8 RM 601	24
25	VAV/HTR #6-4 RM 613	20	1	4000	5000	1	30	DUCT HEATER #6-7 RM 601	26
27	VAV/HTR #6-5 RM 605	30	1	6000	5000	1	30	DUCT HEATER #6-8 RM 611	28
29	VAV/HTR #6-1 RM 611	80	3	21000	–	–	–	SPACE	30
					–	–	–	SPACE	32
					–	–	–	SPACE	34
35	SPACE	–	–	–	–	–	–	SPACE	36
37	SPACE	–	–	–	–	–	–	SPACE	38
39	SPACE	–	–	–	–	–	–	SPACE	40
41	SPACE	–	–	–	–	–	–	SPACE	42

SOLID NEUTRAL
NEUTRAL WIRE (W)

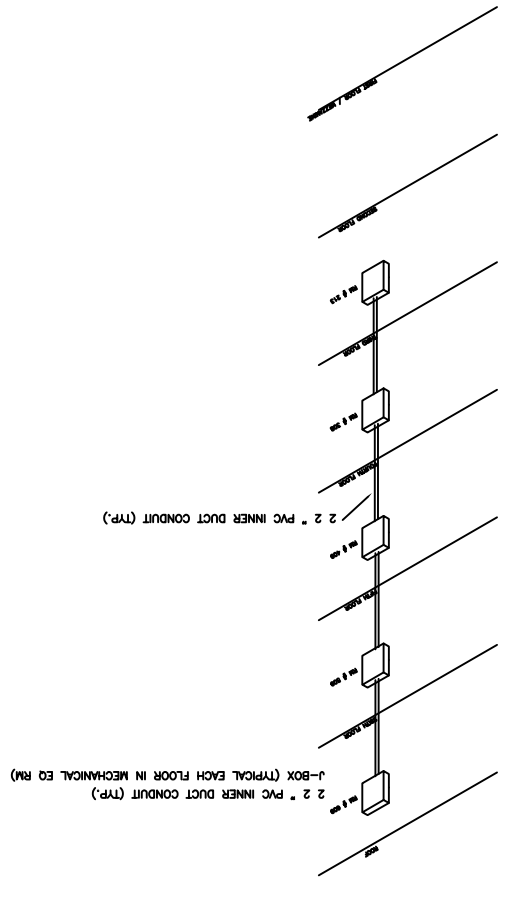
TOTAL CONNECTED LOAD (VA)
AØ=45565 BØ=43365 CØ=39665

GROUND BUS
GROUND WIRE (G)

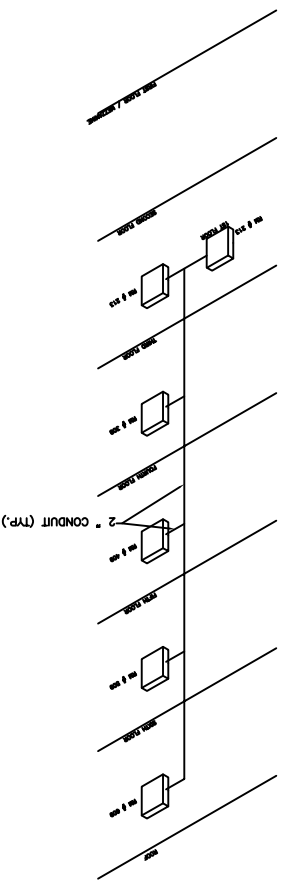
NEW POWER PANELS



INTERDUCT ONE LINE DIAGRAM



SECURITAS SYSTEM ONE LINE DIAGRAM



RENOVATE OFFICE BUILDING

DAMMON ENGINEERING. INC.
1095 FLORIDA AVENUE 985-649-5532 SLIDELL, LA. 70458
DAMMONENGINEERING.COM

NEW POWER PANELS

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

SCALE:AS NOTED
FILE:
JOB NO.
DATE:1-8-07
SHEET
E11
OF