

| PANEL: PL-6 | | | | VOLTAGE: 277/440V, 200A 3PH, 4W | | | | | |
|--|-------------------------|---------|------|---|-----------|---------|-----|-----------------------------|----------|
| LOCATION: TOWERS BLD 6TH FLOOR MECHANICAL ROOM | | | | NEW SURFACE MOUNT PNL | | | | | |
| FEEDER SOURCE: MDP 1 CKT 6 | | | | SQUARE D TYPE QO LOAD CENTER W/MAIN BRK | | | | | |
| CKT. NO. | LOAD DESCRIPTION | BREAKER | | LOAD (VA) | LOAD (VA) | BREAKER | | LOAD DESCRIPTION | CKT. NO. |
| | | AMP | POLE | | | POLE | AMP | | |
| 1 | ROOM 601 LIGHTS | 20 | 1 | 1400 | 1000 | 1 | 20 | MECH./ STORAGE ROOMS LIGHTS | 2 |
| 3 | RM 602,603,604 LIGHTS | 20 | 1 | 1200 | 1600 | 1 | 20 | NIGHTLIGHTS | 4 |
| 5 | VAV/HTR #6-14 ROOM 602 | 20 | 1 | 2000 | 1200 | 1 | 20 | CORRIDOR LIGHTS | 6 |
| 7 | EMERGENCY/ EXIT LIGHTS | 20 | 1 | 400 | 1000 | 1 | 20 | ROOMS 610, 612 LIGHTS | 8 |
| 11 | 10HP HVAC MOTOR | 30 | 3 | 10000 | 1400 | 1 | 20 | ROOMS 606, 607, 614 LIGHTS | 12 |
| 13 | ROOM 611 LIGHTS | 20 | 1 | 1400 | 1500 | 1 | 20 | ROOM 613 LIGHTS | 14 |
| 15 | VAV/ HTR #6-12 ROOM 604 | 30 | 1 | 7000 | 1500 | 1 | 20 | ROOM 613 LIGHTS | 16 |
| 17 | VAV/ HTR #6-13 W. CORR. | 30 | 1 | 3500 | 26671 | 3 | 70 | MAIN ELEVATOR MOTOR | 18 |
| 19 | VAV/HTR #6-2 ROOM 611 | 30 | 1 | 6000 | 6000 | 1 | 30 | VAV/ HTR #6-6 ROOM 613 | 20 |
| 21 | VAV/HTR #6-3 ROOM 611 | 30 | 1 | 6000 | 6000 | 1 | 30 | VAV/ HTR #6-7 ROOM 613 | 22 |
| 23 | VAV/HTR #6-4 ROOM 611 | 30 | 1 | 6000 | 6000 | 1 | 30 | VAV/ HTR #6-8 ROOM 606 | 24 |
| 25 | VAV/HTR #6-5 ROOM 612 | 30 | 1 | 6000 | 3000 | 1 | 30 | VAV/ HTR #6-10 ROOM 610 | 26 |
| 27 | VAV/HTR #6-1 ROOM 601 | 40 | 1 | 8000 | 1500 | 1 | 20 | VAV/ HTR #6-11 E. CORR. | 28 |
| 29 | VAV/HTR #6-9 ROOM 606 | 30 | 1 | 5000 | 3000 | 1 | 30 | | |
| 31 | W. STAIR TOWER A/C | 10 | 3 | 2000 | 2000 | 3 | 10 | E. STAIR TOWER A/C | 30 |
| 33 | W. STAIR TOWER HEATER | 10 | 3 | 2000 | 2000 | 3 | 10 | E. STAIR TOWER HEATER | 32 |
| 35 | SPARE | 20 | 1 | - | - | 1 | 20 | SPARE | 34 |

TOTAL CONNECTED LOAD (VA)
A# = 36554 B# = 66304 C# = 61804

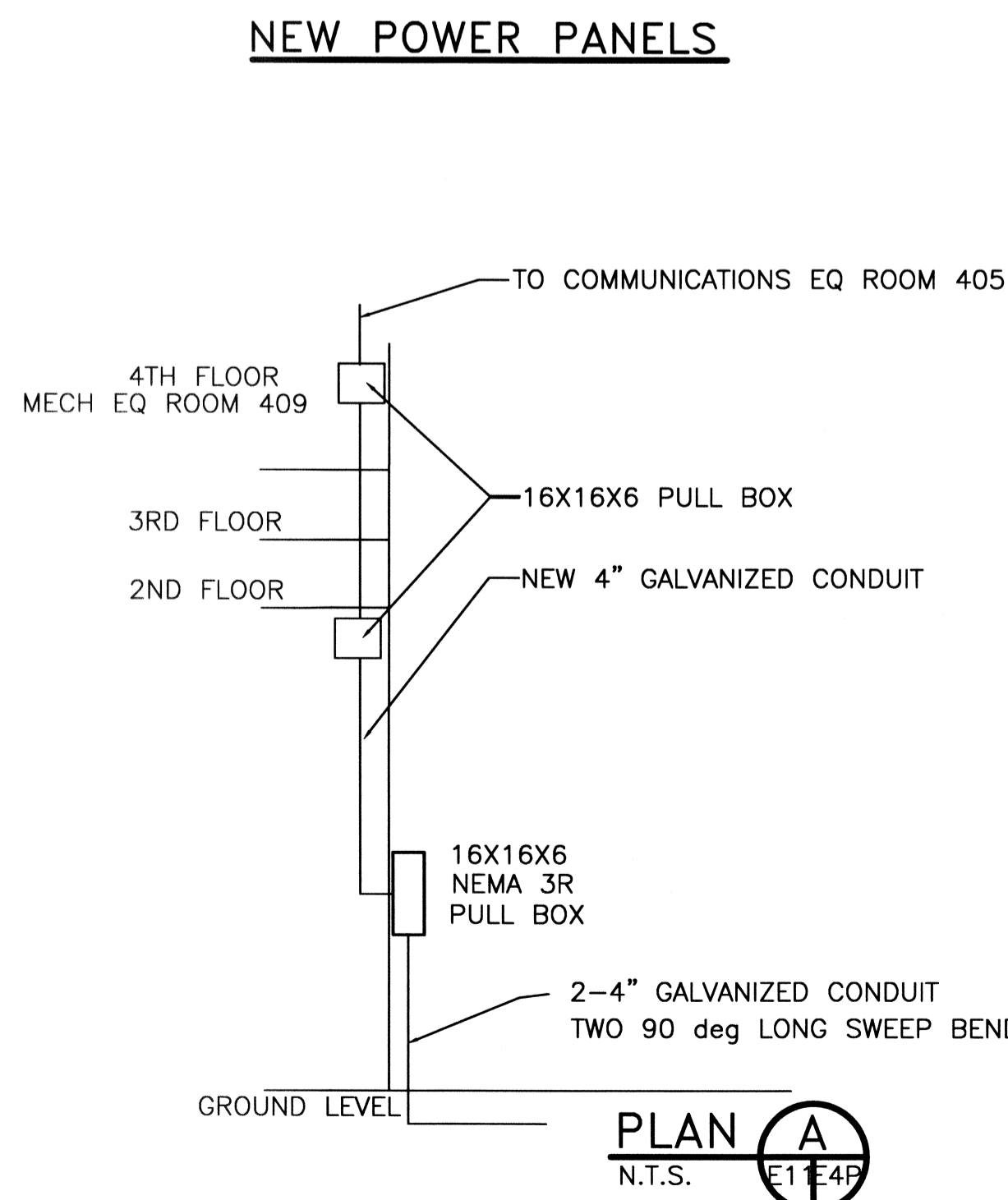
| PANEL: PP-7 | | | | VOLTAGE: 240/120V, 125A 1Ø ML | | | | | |
|--------------------------------|------------------------|---------|------|---|-----------|---------|-----|-----------------------------|----------|
| LOCATION: TOWERS BLD PENTHOUSE | | | | TYPE: SURFACE MOUNT WITH EQ. GRND. BAR, W/ MAIN BRKR. | | | | | |
| FEEDER SOURCE: PP6 CKT 9 | | | | SQUARE D TYPE QO LOAD CENTER | | | | | |
| CKT. NO. | LOAD DESCRIPTION | BREAKER | | LOAD (VA) | LOAD (VA) | BREAKER | | LOAD DESCRIPTION | CKT. NO. |
| | | AMP | POLE | | | POLE | AMP | | |
| 1 | LIGHTS IN PENTHOUSE | 20 | 1 | 400 | 1500 | 1 | 20 | REC. PENTHOUSE | 2 |
| 3 | ROOF LIGHTS | 20 | 1 | 600 | 1500 | 1 | 20 | REC. W/P GFI EXT. PENTHOUSE | 4 |
| 5 | EMERGENCY/ EXIT LIGHTS | 20 | 1 | 600 | 1500 | 2 | 20 | A/C. MAIN ELEV. CONTROL RM. | 6 |
| 7 | PENTHOUSE VENT FAN | 20 | 1 | 400 | - | - | - | SPARE | 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 | - | - | 1 | 20 | SPARE | 24 |
| 25 | SPACE | - | - | - | - | - | - | SPACE | 26 |
| 27 | SPACE | - | - | - | - | - | - | SPACE | 28 |
| 29 | SPACE | - | - | - | - | - | - | SPACE | 30 |

TOTAL CONNECTED LOAD (VA)
A# = 3250 B# = 3250

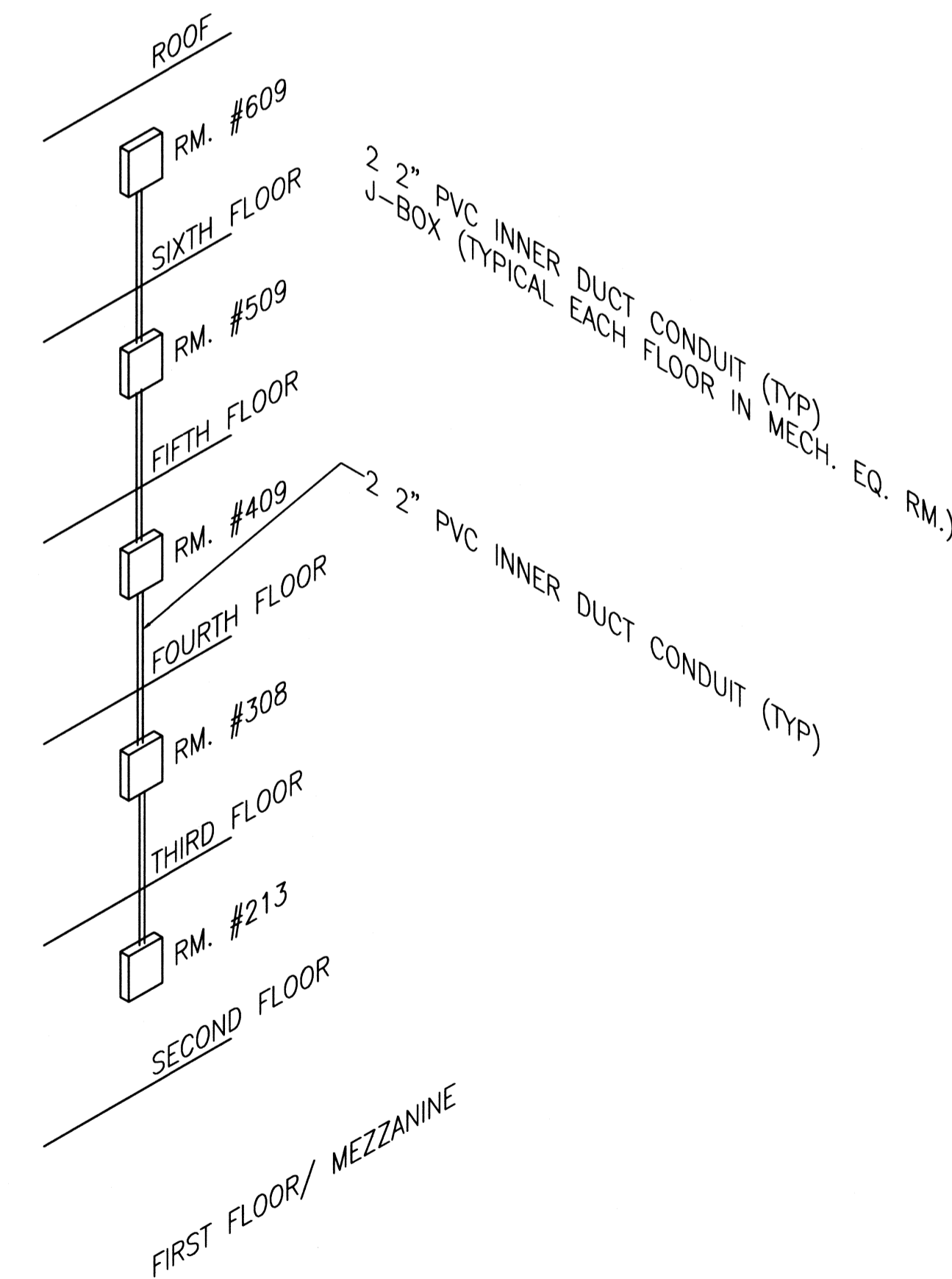
0000 - INDICATES ITEMS CHANGED- 05/29/08
 0000 - INDICATES ITEMS CHANGED- 02/26/08
 102133 - INDICATES ITEMS CHANGED- 06/26/08

| PANEL: PP-6 | | | | VOLTAGE: 240/120V, 125A 1Ø ML | | | | | |
|--|------------------------------|---------|------|---|-----------|---------|-----|------------------------------|----------|
| LOCATION: TOWERS BLD 6TH FLOOR MECHANICAL ROOM | | | | TYPE: SURFACE MOUNT WITH EQ. GRND. BAR, W/ MAIN BRKR. | | | | | |
| FEEDER SOURCE: PL-6 CKT 9 | | | | SQUARE D TYPE QO LOAD CENTER | | | | | |
| CKT. NO. | LOAD DESCRIPTION | BREAKER | | LOAD (VA) | LOAD (VA) | BREAKER | | LOAD DESCRIPTION | CKT. NO. |
| | | AMP | POLE | | | POLE | AMP | | |
| 1 | ROOM 612 WINDOW WALL RECEPT. | 20 | 1 | 1620 | 1080 | 1 | 20 | ROOM 613 RECEPTACLES | 2 |
| 3 | ROOM 613 RECEPTACLES | 20 | 1 | 1620 | 1400 | 1 | 20 | ROOM 606 RECEPTACLES | 4 |
| 5 | ROOM 610 RECEPTACLES | 20 | 1 | 1260 | 1440 | 1 | 20 | MECH./ CORR./ RM 606 RECEPT. | 6 |
| 7 | SPARE | 20 | 1 | - | 1500 | 1 | 20 | CORRIDOR RECEPTACLES | 8 |
| 9 | ROOM 612 RECEPTACLES | 20 | 1 | 1500 | 1500 | 1 | 20 | ROOM 608 RECEPTACLES | 10 |
| 11 | ROOM 602 RECEPTACLES | 20 | 1 | 1200 | 1200 | 1 | 20 | CORRIDOR RECEPTACLES | 12 |
| 13 | RESTROOM EXHAUST FANS | 20 | 1 | 500 | 1500 | 1 | 20 | WATER HEATER | 14 |
| 15 | WATER HEATER, ROOM 606 | 30 | 1 | 720 | 1200 | 1 | 20 | UTILITY COLM ROOM 611 | 16 |
| 17 | UTILITY COLUMN ROOM 601 | 20 | 1 | 1200 | 500 | 1 | 20 | SECURITAS SYSTEM | 18 |
| 19 | UTILITY COLUMN ROOM 601 | 20 | 1 | 1200 | 1200 | 1 | 20 | UTILITY COLUMN RM 611 | 20 |
| 21 | MENS RESTROOM GFI RECEPT. | 20 | 1 | 360 | 1500 | 1 | 20 | ROOM 613 WINDOW WALL RECEPT. | 22 |
| 23 | K. DAVIS RESTROOM FANS | 20 | 1 | 500 | 500 | 2 | 50 | TO PP7 | 24 |
| 25 | WOMENS RESTROOM GFI RECEPT. | 20 | 1 | 200 | 500 | 2 | 50 | | 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 |

TOTAL CONNECTED LOAD (VA)
A# = 17210 B# = 15870



SECURITAS SYSTEM ONE LINE DIAGRAM



INTERDUCT ONE LINE DIAGRAM

0000 - INDICATES ITEMS CHANGED- 01/28/09 PER kd- ob
 STAR HVAC REVISED: 05/29/08 ob
 HVAC REVISED: 02/26/08 ob
 HVAC REVISED: 11/05/07 ob

NOTE:
CONTRACTOR SHALL BALANCE ALL PANELS.

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

E11

OF