

**Branch Panel: LL2E-1**

Location: \_\_\_\_\_  
 Supply From: \_\_\_\_\_  
 Mounting: Recessed  
 Enclosure: Type 1

Volts: 120/208 Wye  
 Phases: 3  
 Wires: 4

A.I.C. Rating: 22000  
 Mains Type: M.L.O  
 Mains Rating: 225 A  
 MCB Rating: \_\_\_\_\_

Notes:

| Circuit Number | Circuit Description | Trips | Poles | A                  | B        | C        | Poles   | Trips | Circuit Description | Circuit Number     |           |  |
|----------------|---------------------|-------|-------|--------------------|----------|----------|---------|-------|---------------------|--------------------|-----------|--|
| LL2E-1-1       | Lighting            | 20 A  | 1     | 1650 VA            | 500 VA   |          |         | 1     | 20 A                | Temp Control Power | LL2E-1-2  |  |
| LL2E-1-3       | Lighting            | 20 A  | 1     |                    | 1026     | 360 VA   |         | 1     | 20 A                | IT Receptacle      | LL2E-1-4  |  |
| LL2E-1-5       | Power               | 20 A  | 1     |                    |          | 1200     | 180 VA  | 1     | 20 A                | Receptacle         | LL2E-1-6  |  |
| LL2E-1-7       | Workstation Power   | 20 A  | 1     | 1200 VA            | 1200     |          |         | 1     | 20 A                | Workstation Power  | LL2E-1-8  |  |
| LL2E-1-9       | Workstation Power   | 20 A  | 1     | 1200               | 1200     |          |         | 1     | 20 A                | Workstation Power  | LL2E-1-10 |  |
| LL2E-1-11      | Workstation Power   | 20 A  | 1     | 1200 VA            | 1200     |          |         | 1     | 20 A                | Workstation Power  | LL2E-1-11 |  |
| LL2E-1-13      | Workstation Power   | 20 A  | 1     | 1200 VA            | 1200     |          |         | 1     | 20 A                | Workstation Power  | LL2E-1-12 |  |
| LL2E-1-15      | Workstation Power   | 20 A  | 1     | 1200               | 1200     |          |         | 1     | 20 A                | Workstation Power  | LL2E-1-16 |  |
| LL2E-1-17      | VAVZ-1 Power        | 20 A  | 3     |                    |          | 1333     | 1833 VA | 3     | 20 A                | VAVZ-2 Power       | LL2E-1-18 |  |
| LL2E-1-19      | --                  | --    | --    | 1333 VA            | 1833     |          |         | --    | --                  | --                 | LL2E-1-20 |  |
| LL2E-1-21      | --                  | --    | --    |                    | 1333     | 1833     |         | --    | --                  | --                 | LL2E-1-22 |  |
| LL2E-1-23      | Copier Receptacles  | 20 A  | 1     |                    |          | 540 VA   | 540 VA  | 1     | 20 A                | Copier Receptacles | LL2E-1-24 |  |
| LL2E-1-25      | VFD-BCU2-01 Power   | 20 A  | 3     | 1008 VA            | 360 VA   |          |         | 1     | 20 A                | Receptacle         | LL2E-1-26 |  |
| LL2E-1-27      | --                  | --    | --    |                    | 1008     | 360 VA   |         | 1     | 20 A                | Receptacle         | LL2E-1-28 |  |
| LL2E-1-29      | --                  | --    | --    |                    |          | 1008     | 540 VA  | 1     | 20 A                | Receptacle         | LL2E-1-30 |  |
| LL2E-1-31      | Receptacle          | 20 A  | 1     | 360 VA             | 360 VA   |          |         | 1     | 20 A                | Receptacle         | LL2E-1-32 |  |
| LL2E-1-33      | Receptacle          | 20 A  | 1     |                    | 360 VA   | 360 VA   |         | 1     | 20 A                | Receptacle         | LL2E-1-34 |  |
| LL2E-1-35      | Receptacle          | 20 A  | 1     |                    |          | 360 VA   | 360 VA  | 1     | 20 A                | Receptacle         | LL2E-1-36 |  |
| LL2E-1-37      | Receptacle          | 20 A  | 1     | 540 VA             | 540 VA   |          |         | 1     | 20 A                | Receptacle         | LL2E-1-38 |  |
| LL2E-1-39      | Receptacle          | 20 A  | 1     |                    | 180 VA   | 1200     |         | 1     | 20 A                | Workstation Power  | LL2E-1-40 |  |
| LL2E-1-41      | Workstation Power   | 20 A  | 1     |                    |          | 1200     | 1200 VA | 1     | 20 A                | Workstation Power  | LL2E-1-42 |  |
| LL2E-1-43      | IT Receptacle       | 20 A  | 1     | 360 VA             | 0 VA     |          |         | 1     | 20 A                | Spare              | LL2E-1-44 |  |
| LL2E-1-45      | Spare               | 20 A  | 1     |                    | 0 VA     | 0 VA     |         | 1     | 20 A                | Spare              | LL2E-1-46 |  |
| LL2E-1-47      | Spare               | 20 A  | 1     |                    | 0 VA     | 0 VA     |         | 1     | 20 A                | Spare              | LL2E-1-48 |  |
| LL2E-1-49      | Spare               | 20 A  | 1     |                    | 0 VA     | 0 VA     |         | 1     | 20 A                | Spare              | LL2E-1-50 |  |
| LL2E-1-51      | Spare               | 20 A  | 1     |                    | 0 VA     | 0 VA     |         | 1     | 20 A                | Spare              | LL2E-1-52 |  |
| LL2E-1-53      | Spare               | 20 A  | 1     |                    | 0 VA     | 0 VA     |         | 1     | 20 A                | Spare              | LL2E-1-54 |  |
| LL2E-1-55      | Spare               | 20 A  | 1     |                    | 0 VA     | 0 VA     |         | 1     | 20 A                | Spare              | LL2E-1-56 |  |
| LL2E-1-57      | Spare               | 20 A  | 1     |                    | 0 VA     | 0 VA     |         | 1     | 20 A                | Spare              | LL2E-1-58 |  |
| LL2E-1-59      | Spare               | 20 A  | 1     |                    | 0 VA     | 0 VA     |         | 1     | 20 A                | Spare              | LL2E-1-60 |  |
|                |                     |       |       | <b>Total Load:</b> | 13364 VA | 12820 VA |         |       |                     |                    |           |  |
|                |                     |       |       | <b>Total Amps:</b> | 112 A    | 107 A    |         |       |                     |                    |           |  |

Legend:

| Load Classification | Connected Load | Demand Factor | Estimated Demand | Panel Totals                       |
|---------------------|----------------|---------------|------------------|------------------------------------|
| Lighting            | 2576 VA        | 125.00%       | 3220 VA          |                                    |
| Other               | 16800 VA       | 100.00%       | 16800 VA         | <b>Total Conn. Load:</b> 38877 VA  |
| Power               | 13021 VA       | 100.00%       | 13021 VA         | <b>Total Est. Demand:</b> 39521 VA |
| Receptacle          | 6480 VA        | 100.00%       | 6480 VA          | <b>Total Conn.:</b> 108 A          |
|                     |                |               |                  | <b>Total Est. Demand:</b> 110 A    |

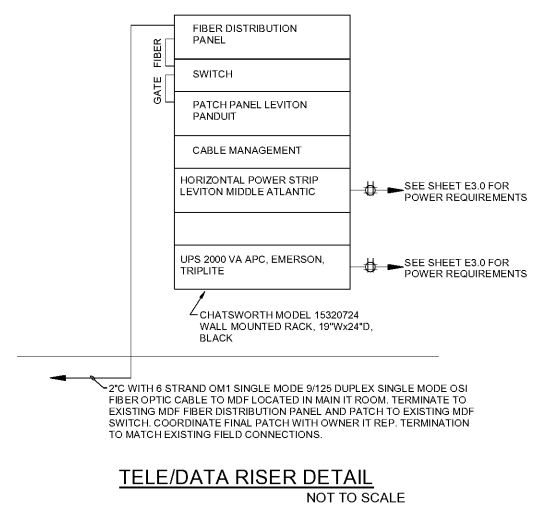
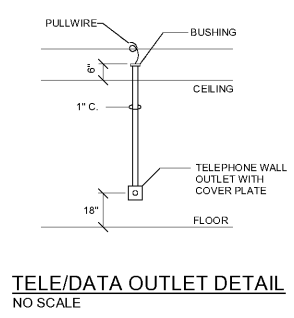
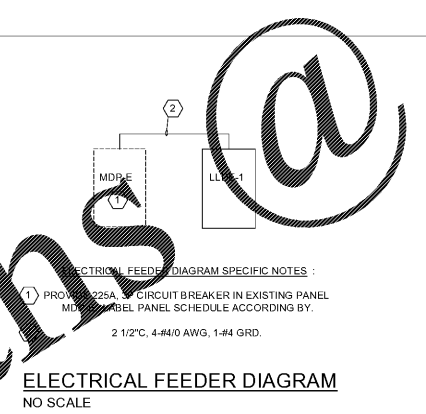
Notes:

**FIRE ALARM LEGEND**

| SYMBOL | DESCRIPTION                            |
|--------|--|
| [F]    | MANUAL PULL STATION, MOUNT 48" A.F.F.  |
| [F]    | STROBE, MOUNT 80" A.F.F.               |
| [F]    | SPEAKER/STROBE, MOUNT 80" A.F.F.       |
| [F]    | CEILING MOUNT SPEAKER/STROBE           |
| [H]    | HEAT DETECTOR                          |
| [S]    | SMOKE DETECTOR                         |
| [C]    | CONTROL MODULE                         |
| [D]    | DUCT DETECTOR                          |
| [R]    | RELAY                                  |
| [H]    | HORN/STROBE                            |
| [FACP] | FIRE ALARM CONTROL PANEL               |
| [ANN]  | REMOTE ANNUNCIATOR                     |
| [FS]   | WATERFLOW SWITCH                       |
| [TS]   | TAMPER SWITCH                          |
| [B]    | DURESS BUTTON, CONNECT TO PHONE SYSTEM |

**ELECTRICAL LEGEND**

| SYMBOL | DESCRIPTION                                     |
|--------|---|
| [S]    | SINGLE POLE SWITCH                              |
| [3S]   | THREE WAY SWITCH                                |
| [SWP]  | WEATHERPROOF TOGGLE SWITCH                      |
| [SD]   | DIMMER SWITCH                                   |
| [WOS]  | WALL OCCUPANCY SWITCH                           |
| [HR]   | HOME RUN TO PANEL                               |
| [CWI]  | CONCEALED WIRING                                |
| [DISC] | DISCONNECT SWITCH W/ HANDLE BLADES              |
| [ELEC] | ELECTRICAL RATING ELEMENT                       |
| [EMC]  | ELECTRIC MOTOR (N/A) APPROVED DISCONNECT SWITCH |
| [J]    | JUNCTION BOX                                    |
| [DUR]  | DUPLEX RECEPTACLE MTD. 18" ABOVE FLOOR          |
| [DUR]  | DUPLEX RECEPTACLE MTD. ABOVE WORK SURFACE       |
| [DUR]  | DUPLEX RECEPTACLE WEATHERPROOF                  |
| [GFI]  | DUPLEX RECEPTACLE W/GROUND FAULT INTERRUPTER    |
| [QUR]  | QUADRAPLEX RECEPTACLE MTD. 18" ABOVE FLOOR      |
| [S/D]  | STARTER/ DISCONNECT                             |
| [TW]   | TELE WALL OUTLET                                |
| [DW]   | DATA WALL OUTLET                                |



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**NANO**  
 ARCHITECTURE

| REV | DATE | DESCRIPTION | BY |
|-----|------|-------------|----|
|     |      |             |    |

SEWERAGE AND WATER BOARD  
 OF NEW ORLEANS

**CONTRACT 8155**  
 ELECTRICAL STORAGE ROOM OFFICE RENOVATION

ELECTRICAL SCHEDULES &  
 DETAILS **E4.0**

DWG. No. 12148-W-60

DATE: 15 NOVEMBER 2017 SHEET: BID DOCUMENTS SHEET NO:

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