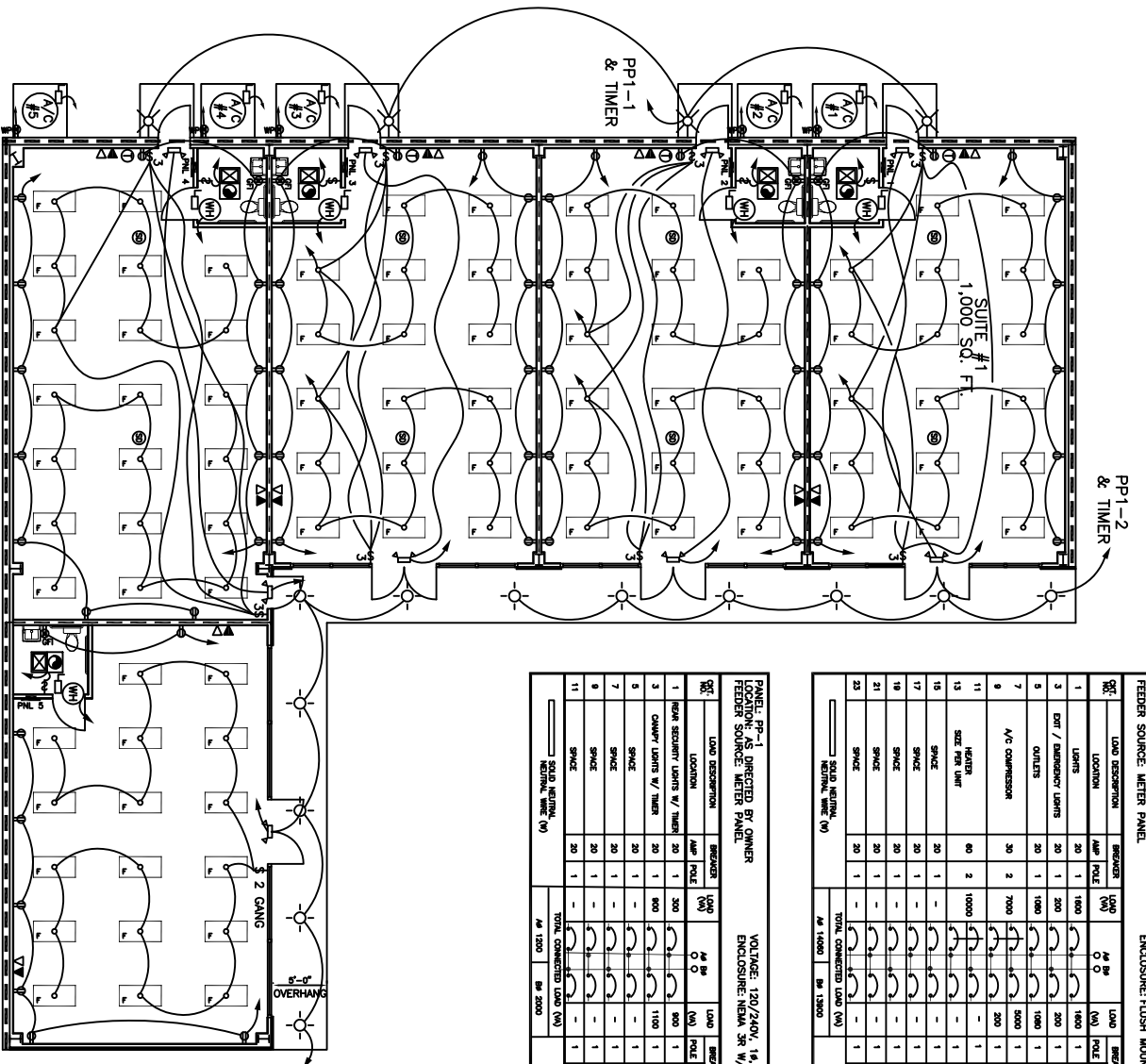
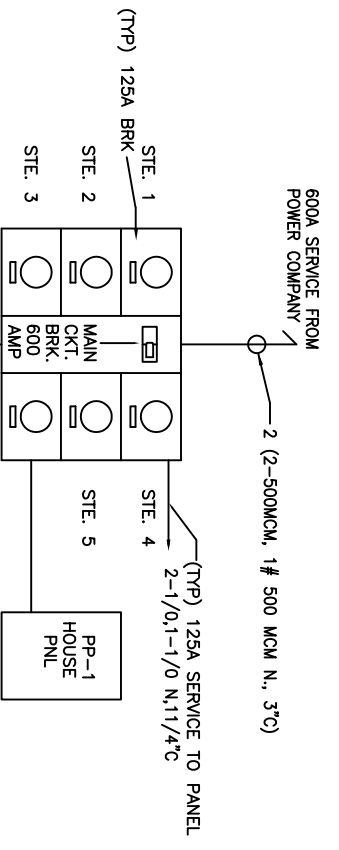


| PANEL 1 - TYPICAL OF ALL SUITES                       |                     |           |           | VOLTAGE: 120/240V, 1ϕ, 3W 125A MAINS, 125A MB |                     |           |           |
|---|---------------------|-----------|-----------|---|---------------------|-----------|-----------|
| LOCATION: TOILET ROOM WALL FEEDER SOURCE: METER PANEL |                     |           |           | ENCLOSURE: FLUSH MOUNT W/EQUIPMENT GRAND BAR  |                     |           |           |
| NO.   | LOAD DESCRIPTION    | BRK. TYPE | LOAD (VA) | NO.   | LOAD DESCRIPTION    | BRK. TYPE | LOAD (VA) |
| 1   | LIGHTS              | AMP PANEL | 1800      | 1   | LIGHTS              | AMP PANEL | 1800      |
| 2   | 2XT / BATTERY LAMPS | 20        | 1800      | 2   | 2XT / BATTERY LAMPS | 20        | 1800      |
| 3   | OUTLETS             | 20        | 1000      | 3   | RESTROOM VENT/LIGHT | 4         | 1000      |
| 4   | RESTROOM VENT/LIGHT | 4         | 1000      | 4   | OUTLETS             | 6         | 1000      |
| 5   | WATER HEATER        | 20        | 5000      | 5   | WATER HEATER        | 20        | 5000      |
| 6   | A/C COMPRESSION     | 30        | 7000      | 6   | SMOKE DETECTOR      | 10        | 200       |
| 7   | SMOKE DETECTOR      | 10        | 200       | 7   | SMOKE DETECTOR      | 10        | 200       |
| 8   | SMOKE DETECTOR      | 10        | 200       | 8   | SMOKE DETECTOR      | 10        | 200       |
| 9   | SMOKE DETECTOR      | 10        | 200       | 9   | SMOKE DETECTOR      | 10        | 200       |
| 10  | SMOKE DETECTOR      | 10        | 200       | 10  | SMOKE DETECTOR      | 10        | 200       |
| 11  | SMOKE DETECTOR      | 10        | 200       | 11  | SMOKE DETECTOR      | 10        | 200       |
| 12  | SMOKE DETECTOR      | 10        | 200       | 12  | SMOKE DETECTOR      | 10        | 200       |
| 13  | SMOKE DETECTOR      | 10        | 200       | 13  | SMOKE DETECTOR      | 10        | 200       |
| 14  | SMOKE DETECTOR      | 10        | 200       | 14  | SMOKE DETECTOR      | 10        | 200       |
| 15  | SMOKE DETECTOR      | 10        | 200       | 15  | SMOKE DETECTOR      | 10        | 200       |
| 16  | SMOKE DETECTOR      | 10        | 200       | 16  | SMOKE DETECTOR      | 10        | 200       |
| 17  | SMOKE DETECTOR      | 10        | 200       | 17  | SMOKE DETECTOR      | 10        | 200       |
| 18  | SMOKE DETECTOR      | 10        | 200       | 18  | SMOKE DETECTOR      | 10        | 200       |
| 19  | SMOKE DETECTOR      | 10        | 200       | 19  | SMOKE DETECTOR      | 10        | 200       |
| 20  | SMOKE DETECTOR      | 10        | 200       | 20  | SMOKE DETECTOR      | 10        | 200       |
| 21  | SMOKE DETECTOR      | 10        | 200       | 21  | SMOKE DETECTOR      | 10        | 200       |
| 22  | SMOKE DETECTOR      | 10        | 200       | 22  | SMOKE DETECTOR      | 10        | 200       |
| 23  | SMOKE DETECTOR      | 10        | 200       | 23  | SMOKE DETECTOR      | 10        | 200       |
| 24  | SMOKE DETECTOR      | 10        | 200       | 24  | SMOKE DETECTOR      | 10        | 200       |
| TOTAL CONNECTED LOAD (VA)                             |                     |           |           | TOTAL CONNECTED LOAD (VA)                     |                     |           |           |
| MA 11000  |                     |           |           | MB 13000                                      |                     |           |           |
| GROUND BOND (VA)                                      |                     |           |           | GROUND BOND (VA)                              |                     |           |           |
| MA 11000  |                     |           |           | MB 13000                                      |                     |           |           |

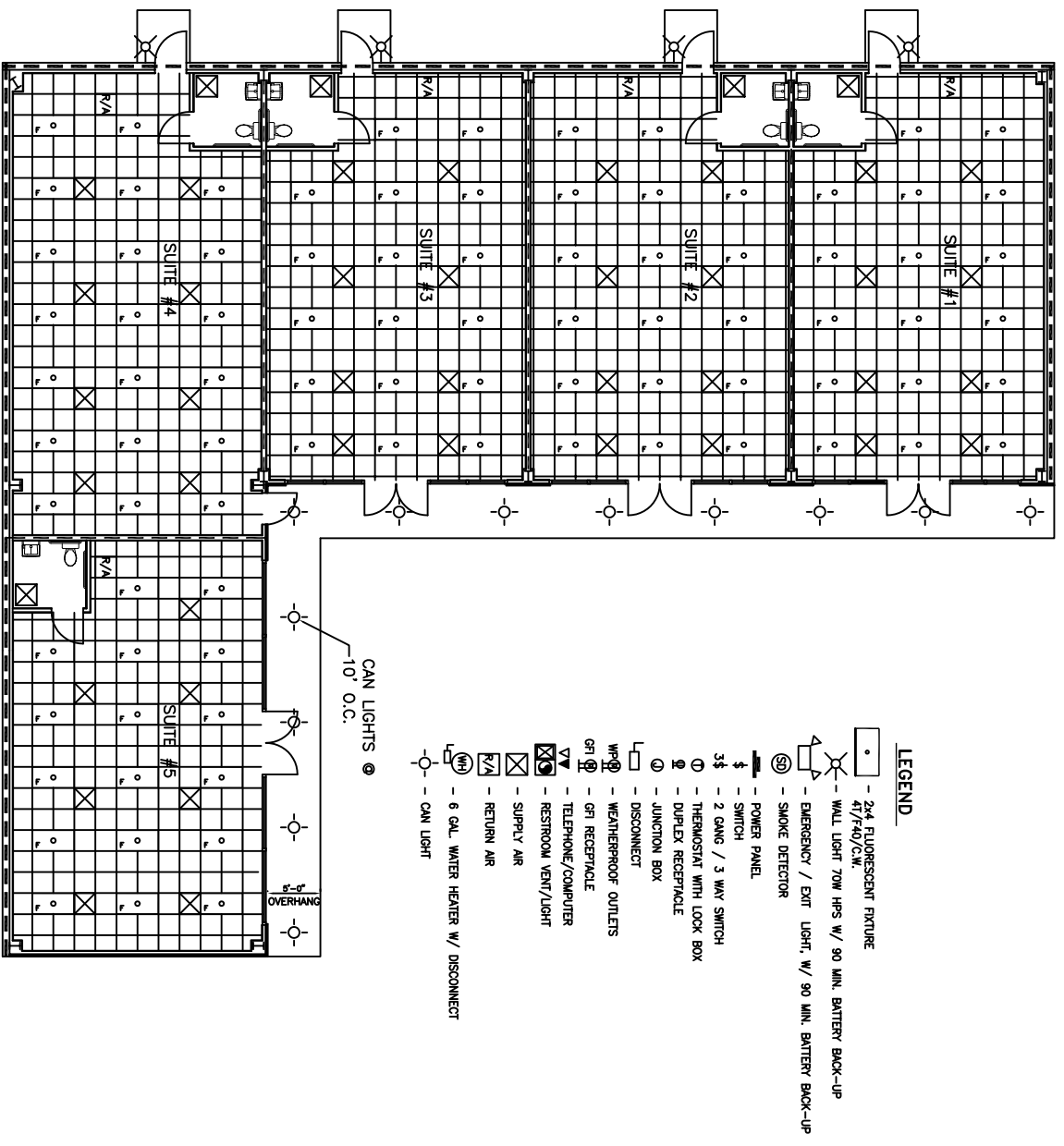
| PANEL PP-1 DIRECTED BY OWNER                          |                        |           |           | VOLTAGE: 120/240V, 1ϕ, 3W 125A MAINS, 125A MB |                        |           |           |
|---|------------------------|-----------|-----------|---|------------------------|-----------|-----------|
| LOCATION: TOILET ROOM WALL FEEDER SOURCE: METER PANEL |                        |           |           | ENCLOSURE: NEKA 3R W/EQUIPMENT GRAND BAR      |                        |           |           |
| NO.   | LOAD DESCRIPTION       | BRK. TYPE | LOAD (VA) | NO.   | LOAD DESCRIPTION       | BRK. TYPE | LOAD (VA) |
| 1   | RESTROOM VENT/LIGHT    | 20        | 1100      | 1   | RESTROOM VENT/LIGHT    | 20        | 1100      |
| 2   | CHANGING LAMPS W/TIMER | 20        | 400       | 2   | CHANGING LAMPS W/TIMER | 20        | 400       |
| 3   | CHANGING LAMPS W/TIMER | 20        | 400       | 3   | CHANGING LAMPS W/TIMER | 20        | 400       |
| 4   | CHANGING LAMPS W/TIMER | 20        | 400       | 4   | CHANGING LAMPS W/TIMER | 20        | 400       |
| 5   | CHANGING LAMPS W/TIMER | 20        | 400       | 5   | CHANGING LAMPS W/TIMER | 20        | 400       |
| 6   | CHANGING LAMPS W/TIMER | 20        | 400       | 6   | CHANGING LAMPS W/TIMER | 20        | 400       |
| 7   | CHANGING LAMPS W/TIMER | 20        | 400       | 7   | CHANGING LAMPS W/TIMER | 20        | 400       |
| 8   | CHANGING LAMPS W/TIMER | 20        | 400       | 8   | CHANGING LAMPS W/TIMER | 20        | 400       |
| 9   | CHANGING LAMPS W/TIMER | 20        | 400       | 9   | CHANGING LAMPS W/TIMER | 20        | 400       |
| 10  | CHANGING LAMPS W/TIMER | 20        | 400       | 10  | CHANGING LAMPS W/TIMER | 20        | 400       |
| 11  | CHANGING LAMPS W/TIMER | 20        | 400       | 11  | CHANGING LAMPS W/TIMER | 20        | 400       |
| TOTAL CONNECTED LOAD (VA)                             |                        |           |           | TOTAL CONNECTED LOAD (VA)                     |                        |           |           |
| MA 1200   |                        |           |           | MB 2000                                       |                        |           |           |
| GROUND BOND (VA)                                      |                        |           |           | GROUND BOND (VA)                              |                        |           |           |
| MA 1200   |                        |           |           | MB 2000                                       |                        |           |           |



2 ELECTRICAL PLAN  
1/8"=1'-0"



3 ONE LINE DIAGRAM  
N.T.S.



1 REFLECTIVE CEILING PLAN  
1/8"=1'-0"

- ELECTRICAL NOTES**
- ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE, THE NATIONAL ELECTRICAL CODE, AND ALL OTHERS UNDER THE JURISDICTION OF THE ELECTRICAL CONTRACTOR. OBTAIN CERTIFICATES OR APPROVAL WHERE REQUIRED.
  - ALL MATERIALS FURNISHED SHALL BE NEW AND SHALL BE U.L. LISTED.
  - THE DRAWINGS INDICATE SIZE AND GENERAL LOCATION OF WORK. SCALE DIMENSIONS SHALL NOT BE USED. THE EXACT LOCATION AND ELEVATION OF ALL LIGHTING FIXTURES, RECEPTACLES AND TELEPHONE OUTLETS, ETC. SHALL BE DETERMINED BY ACTUAL CONDITIONS IN THE FIELD, UNLESS NOTED OTHERWISE.
  - PRIOR TO BIDDING, CONTRACTOR SHALL VISIT THE JOB SITE AND FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS.
  - ELECTRICAL CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER TRADES AND WITH OTHER CONTRACTORS WHOSE WORK MAY AFFECT THIS INSTALLATION.
  - ELECTRICAL CONTRACTOR SHALL COORDINATE INCOMING ELECTRICAL SERVICE WITH UTILITY COMPANY AND INCLUDE IN HIS BID ALL CHARGES AND FEES INCURRED IN MODIFICATIONS.
  - WHERE MORE THAN ONE SWITCH OCCURS IN THE SAME LOCATION, THEY SHALL BE INSTALLED IN A GANG TYPE BOX UNDER ONE COVER PLATE.
  - ELECTRICAL CONTRACTOR SHALL COORDINATE THE TELEPHONE INSTALLATION WITH THE TELEPHONE COMPANY AND THE GENERAL CONTRACTOR.
  - ELECTRICAL CONTRACTOR, BEFORE INSTALLING ANY OF THE WORK, SHALL SEE THAT ALL WORK IS NOT INTERFERED WITH BY CLEARANCES REQUIRED FOR FINISHED CEILING, HUNG CEILING, OR OTHER WORK. ALL WORK SHALL BE INSTALLED AND IT LATER DEPENDS THAT SUCH DETAILS OR DESIGN CHANGES IN THE WORK AS DIRECTED BY THE ARCHITECT. EXPENSE, SHALL MAKE SUCH CHANGES IN THE WORK AS DIRECTED BY THE ARCHITECT AS WELL AS TO PERMIT THE INSTALLATION OF THE ARCHITECTURAL WORK AS SHOWN ON THE PLANS AND DETAILS.
  - PERFORM TEST REQUIRED BY THE OWNER OR THE ENGINEER IN CONNECTION WITH THE OPERATION OF THE ELECTRICAL SYSTEM IN THE BUILDING.
  - ALL TESTS SHALL BE MADE IN ACCORDANCE WITH THE LATEST STANDARD OF THE IEEE AND THE NATIONAL ELECTRICAL CODE.
  - MINIMUM CONDUCTOR SIZE SHALL BE #12, 600V INSULATION. MINIMUM SIZE CONDUIT SHALL BE 3/4" EMT FOR INTERIOR USE, AND 3/4" RIGID GALVANIZED FOR EXTERIOR USE. USE TYPE WMC CABLE IN WOOD FRAMED STRUCTURES FOR LIGHTS & RECEPTACLE CIRCUITS. EXTERIOR FITTINGS SHALL BE CAST BRONZE OR STAINLESS STEEL. INTERIOR FITTINGS SHALL BE CAST IRON OR BRASS. STAMPED BOXES MAY BE USED ABOVE CEILING IN AIR CONDITIONED SPACES.
  - CONTRACTOR SHALL INSTALL WIRING AND OTHER CIRCUIT COMPONENTS TO MATCH EQUIPMENT ACTUALLY INSTALLED.
  - INSTALL GROUND FAULT RECEPTACLES AT RECEPTACLE LOCATIONS WITHIN 5' OF SINKS OR LAVATORIES, AND AT EXTERIOR LOCATIONS. EXTERIOR RECEPTACLES SHALL ALSO BE WEATHERPROOF.
  - BONDING AND GROUNDING SHALL BE IN ACCORDANCE WITH NFPA 70:230-63, NFPA 250-23, 250-71, & 250-72.
  - GROUND NEUTRAL IN ACCORDANCE WITH NFPA 70:250-23b.
  - FUSES SHALL BE ITC CLASS KS, 250 VOLT, 200,000 AMP INTERRUPTING CAP.
  - PROVIDE SERVICES OF A FIRE/SMOKE DETECTION & ALARM COMPANY TO DESIGN & INSTALL ALARM SYSTEM TO MEET REQUIREMENTS OF THE STATE FIRE MARSHALL.
  - ALL ELECTRICAL, MECHANICAL, & PLUMBING PENETRATING FIRE WALLS SHALL BE FIRE CALKED. (PENETRATIONS THROUGH RATED CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM-E814.)
  - ELECTRICAL CONTRACTOR IS TO MATCH ADJOINING PARKING LOT LIGHTING AND POLES