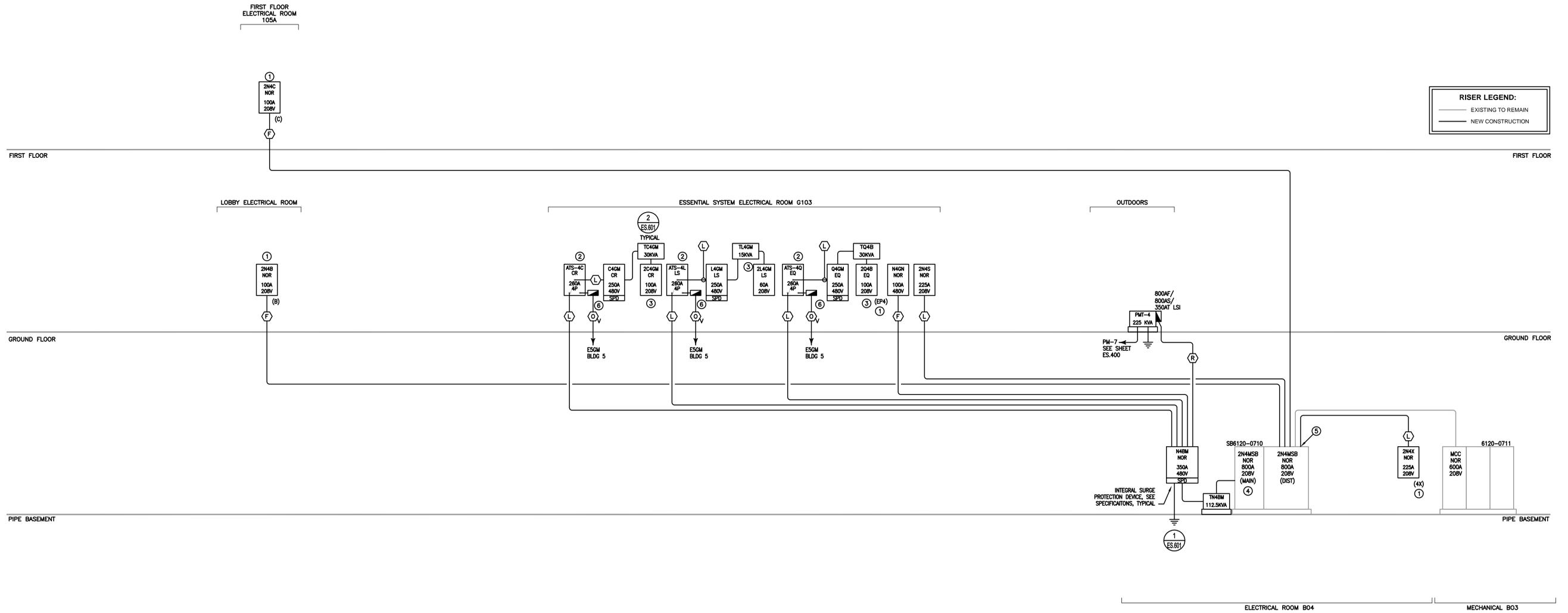


**GENERAL NOTES:**

- A. ALL FEEDER BREAKERS (SERVING A TRANSFORMER OR PANEL) SHALL HAVE BUILT-IN PADLOCKING PROVISIONS TO LOCK THE BREAKER IN THE OPEN POSITION.
- B. ALL WORK ON THIS SHEET IS ALTERNATE 3.

**KEYED NOTES (THIS SHEET ONLY):**

- 1. INDICATE THE RE-NAMED PANEL'S FORMER DESIGNATION ON PERMANENT LABEL TO ALLOW TRACING OF OLD CIRCUITS.
- 2. PROVIDE 1" CONDUIT AND CONDUCTORS FOR GENERATOR START CONTROL AND ATS ANNUNCIATORS, TYPICAL.
- 3. RE-CIRCUIT EXISTING LOADS FROM THE EQUIPMENT SYSTEM TO THE APPROPRIATE EMERGENCY SYSTEM BRANCH PANEL AS REQUIRED BY NFPA 70 ARTICLE 517 AND NFPA 99. SEE "ESSENTIAL SYSTEM BRANCH SEPARATION" ON SHEET ES.002.  
CIRCUITS FROM THE LIFE SAFETY AND CRITICAL BRANCH SHALL BE ENCLOSED IN RACEWAYS SEPARATE FROM EACH OTHER AND ALL OTHER SYSTEMS. WHERE EXISTING LOADS ARE INSTALLED IN SHARED CONDUITS WITH CIRCUITS FROM OTHER SYSTEMS, PROVIDE NEW CONDUITS AND CONDUCTORS SEPARATE FROM THE OTHER SYSTEMS.
- 4. REPLACE RATING PLUG IN EXISTING CUTLER-HAMMER "MDL" 800AF/800AT BREAKER FOR A 400A TRIP.
- 5. CIRCUIT TO AVAILABLE 200A/3P SPARE BREAKER.
- 6. ENCLOSED BREAKER SHALL BE IDENTICAL TO BREAKER IN PANEL UPSTREAM FEEDING IT.



Revisions	Date



Tennessee Valley Healthcare System



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Project Title: **UPGRADE ELECTRICAL DISTRIBUTION PHASE 3**  
 Drawing Title: **ELECTRICAL RISER DIAGRAM BUILDING 4 NEW CONSTRUCTION**  
 Approved By: \_\_\_\_\_  
 Building Number: 4  
 Checked By: R. STR.  
 Drawn By: R. SULL.

Date: **OCTOBER 31, 2012**  
 Project No.: **626A4-11-202**  
 Drawing No.: **4-E5.400**  
 Dwg. 74 of 97

Department of Veterans Affairs