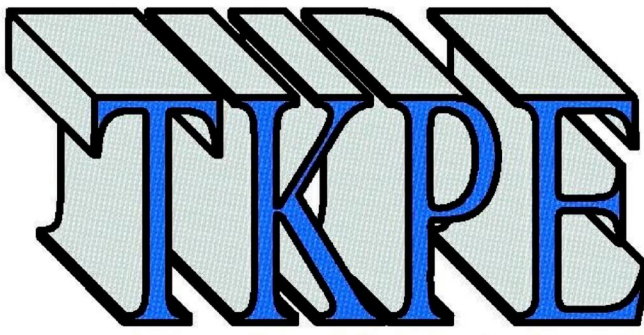
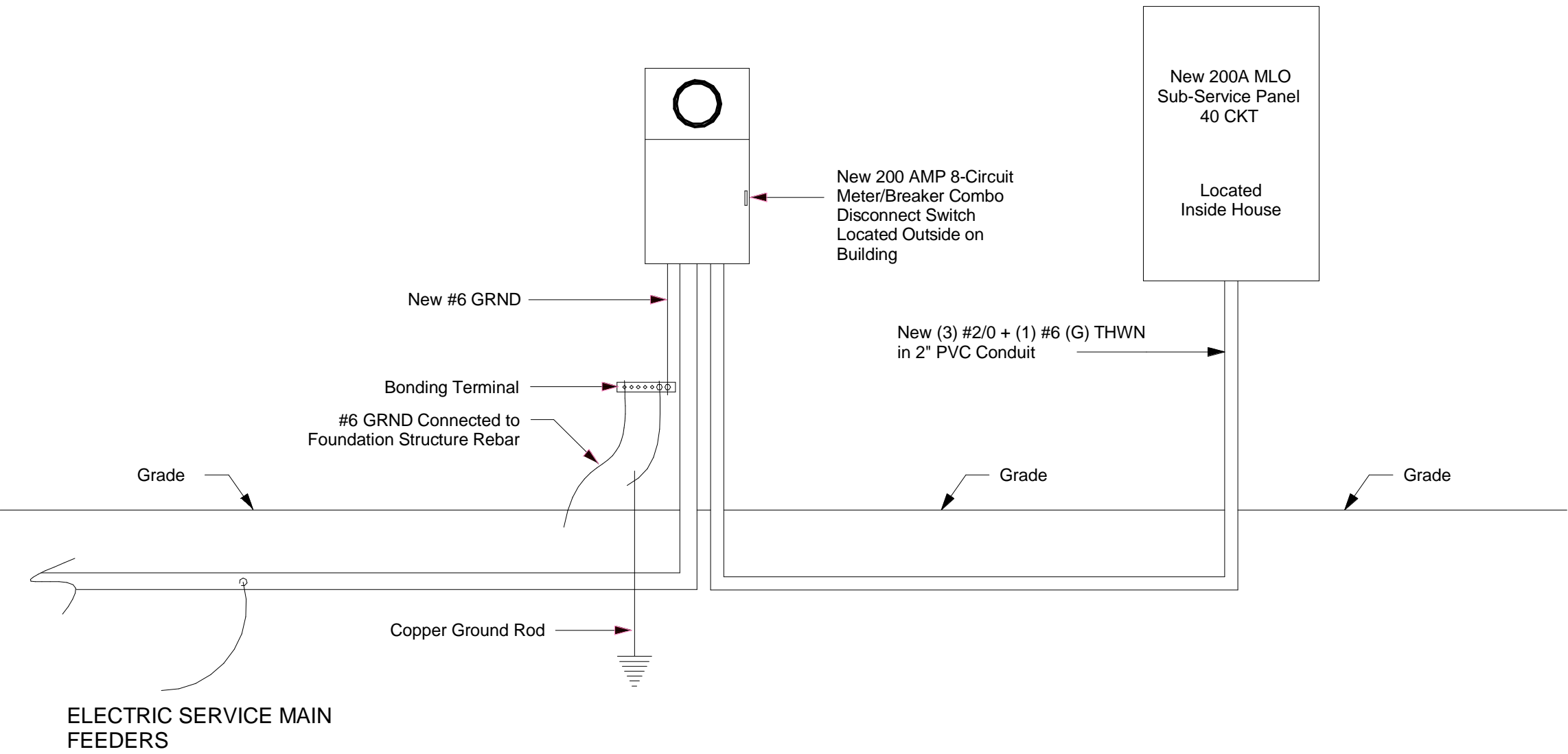


1 **Garage Electric Plan**  
1/4" = 1'-0"

**GENERAL ELECTRIC NOTES:**

1. ALL ELECTRICAL WORK SHALL BE IN FULL COMPLIANCE WITH THE - 2023 NEC (NFPA 70) AND FLORIDA BUILDING CODE 2023 8TH EDITION. FINAL PANEL DIRECTORY IN FIELD SHALL COMPLY WITH NEC 408.4(A).
2. ALL MATERIAL USED IN THE PROJECT SHALL BE NEW AND SHALL BEAR UNDERWRITERS' AND UNION LABELS, WHERE APPLICABLE.
3. DO NOT SCALE ELECTRICAL DRAWINGS. REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR APPROXIMATE LOCATIONS OF ALL APPLIANCES AND EQUIPMENT, AND CONFIRM WITH OWNER OR OWNER'S REPRESENTATIVE FOR SPECIFIC LIGHTING LOCATIONS.
4. ALL RACEWAYS INSTALLED UNDERGROUND, IN CONCRETE SLABS, AND/OR LARGER THAN TWO (2) INCHES IN DIAMETER SHALL BE GALVANIZED RIGID STEEL. PVC PIPE SCHEDULE 40 IS ACCEPTABLE FOR UNDERGROUND INSTALLATION ONLY IF APPROVED BY LOCAL AUTHORITIES.
5. OUTLETS SHALL BE MOUNTED FLUSH WITH FINISHED SURFACES. TWO (2) OR MORE LIGHT SWITCHES LOCATED TOGETHER SHALL BE INSTALLED IN GANG-TYPE BOXES.
6. ELECTRICAL CONTRACTOR SHALL PERFORM ALL NECESSARY WORK FOR A COMPLETE ELECTRICAL INSTALLATION AND WORKING SYSTEM, AND SHALL PROVIDE ALL NECESSARY INSTRUMENTS AND SPECIAL APPARATUS TO CONDUCT ANY TEST THAT MAY BE REQUIRED TO INSURE THE SYSTEM IS FREE OF ANY IMPROPER GROUNDS AND SHORT CIRCUITS, AND THAT ALL FEEDERS ARE PROPERLY BALANCED.
7. ALL GROUND CONNECTIONS TO BE DONE AS PER CURRENT EDITION OF NATIONAL ELECTRICAL CODE.
8. ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCE WITH THE PROGRESS OF CONSTRUCTION.
9. DISCONNECT SWITCHES SHALL BE H.P. RATED, HEAVY DUTY, QUICK-MAKE, QUICK-BREAK ENCLOSURES AS REQUIRED BY EXPOSURE. MOTOR STARTERS SHALL BE MANUAL OR MAGNETIC WITH OVERLOAD RELAYS IN EACH LEG.
10. CORRECTIONS OF ANY DEFECTS SHALL BE COMPLETED WITHOUT CHARGE AND SHALL INCLUDE REPLACEMENTS OR REPAIR OF ANY OTHER PHASE OF THE INSTALLATIONS WHICH MAY HAVE BEEN DAMAGED.
11. THE ELECTRICAL INSTALLATION SHALL MEET ALL STANDARDS AND REQUIREMENTS OF THE LOCAL POWER AND TELEPHONE COMPANIES.
12. SMOKE DETECTORS SHALL BE HARD WIRED (110 VOLT TYPE) WITH BATTERY BACK-UP AND CONNECTED TO A NON-SWITCHABLE KITCHEN OR BATHROOM CIRCUIT. DO NOT UTILIZE THE LOAD SIDE OF A GROUND FAULT CIRCUIT INTERRUPTER.
13. SELECTION OF ALL LIGHTING AND ELECTRICAL EQUIPMENT NOT SPECIFIED ON PLANS IS BY OWNER.
14. ALL BATHROOMS AND OUTDOOR OUTLETS SHALL BE GFCI.
15. ALL OUTDOOR OUTLETS SHALL BE WATERPROOF.
16. AFCI PROTECTION IS REQUIRED FOR ALL INDOOR 120 VOLTS 15 AND 20 AMP BRANCH CIRCUITS PROVIDING POWER TO OUTLETS (INCLUDING SMOKE DETECTORS) IN RESIDENTIAL FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DENS, BEDROOMS, SUNROOMS, RECREATION ROOMS, CLOSETS, HALLWAYS, AND SIMILAR ROOMS OR AREAS.
17. ALL GENERAL USE RECEPTACLES SHALL BE TAMPER RESISTANT.
18. ALL CEILING FANS SHALL HAVE (4) WIRES FOR FUTURE LIGHTS.
19. ALL BATHROOM EXHAUST FANS SHALL HAVE (4) WIRES. FAN & LIGHT SHALL HAVE DEDICATED SWITCHES.



Thomas M. Kelaher, P.E.  
Structural Consultants  
Florida Rg. No 40159  
1108 S.E. 14th Terrace  
Deerfield Beach, FL 33441  
Phone (954) 360.9628  
Fax (954) 360.0173  
tkelaherengr@comcast.net

**Dana & Carol (Wendy) Anderson  
Residence**

**SW Meadowlands Drive  
Lake City, Florida**

No.	Description	Date

**Proposed Residence**

**Notes & Garage  
Electric Plan**

Project number	24-045
Date	12/25/2024
Drawn by	A.O.
Checked by	T.K.

**E100**

Scale As indicated