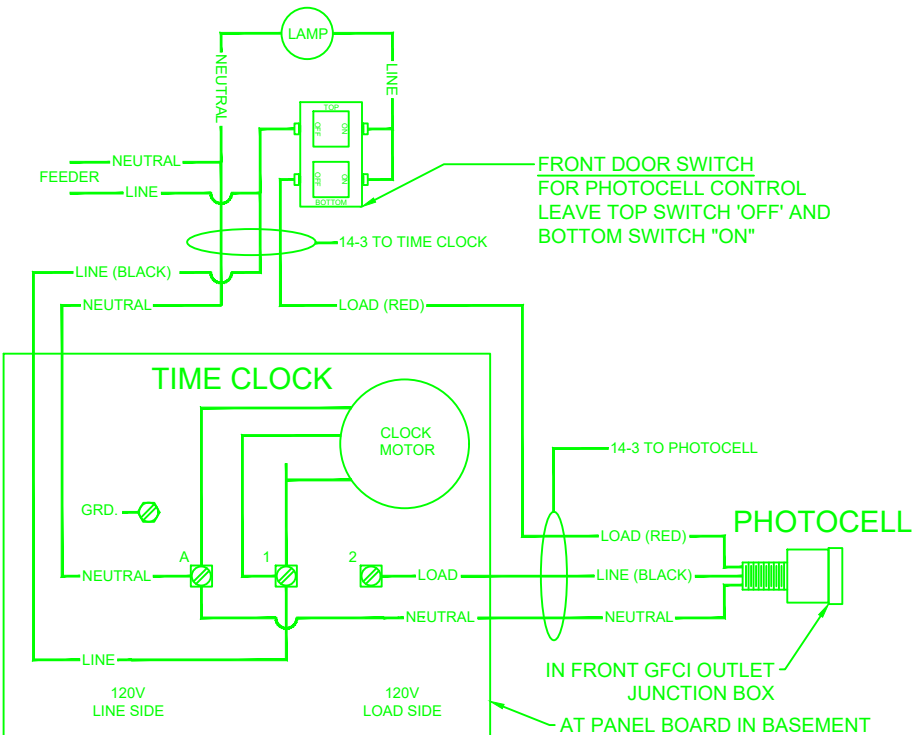
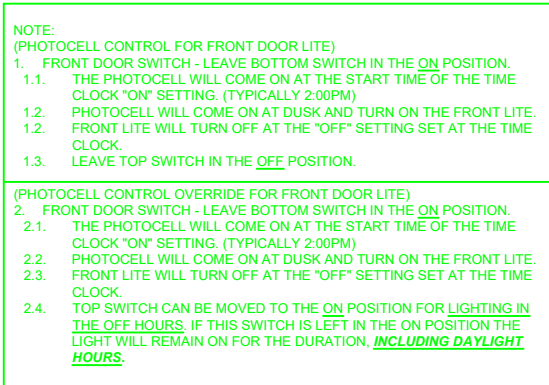
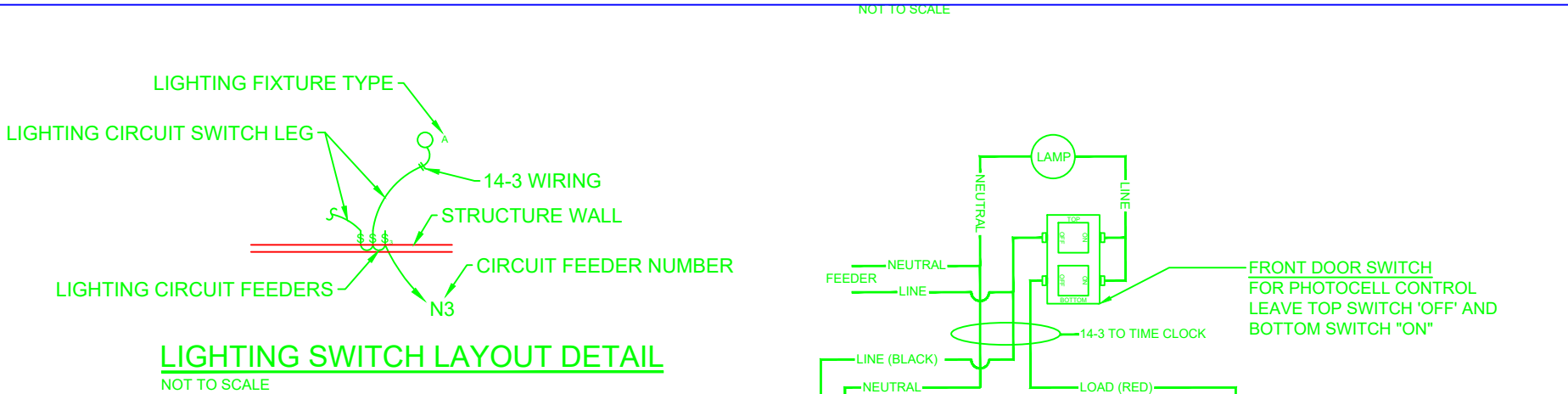


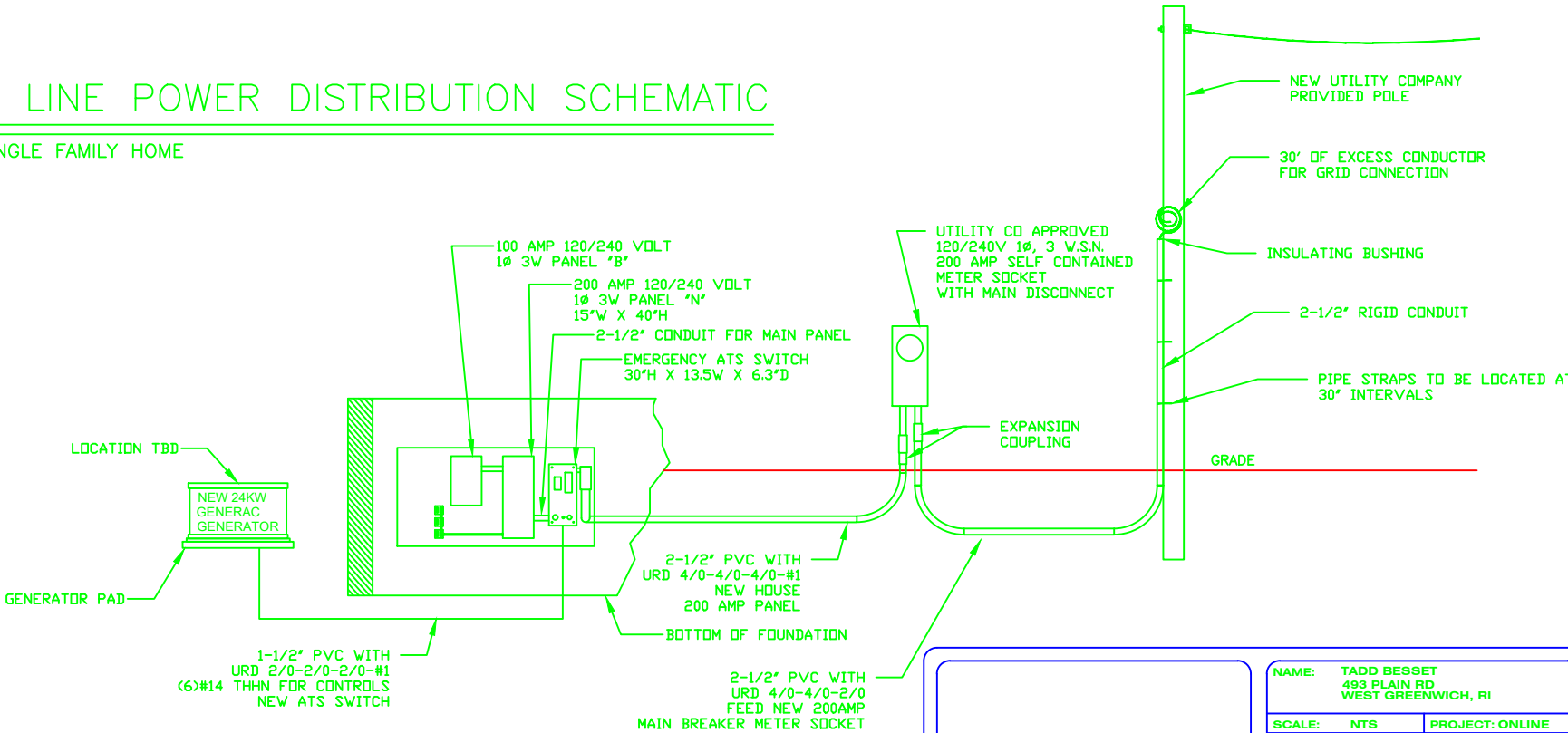
Project Notes:

- CONTRACTOR SHALL VISIT THE BUILDING SITE AND FAMILIARIZE HIMSELF WITH THE EXISTING CONDITIONS. NO CLAIM FOR EXTRA COMPENSATION SHALL BE ENTERTAINED FOR WORK WHICH A PRELIMINARY EXAMINATION OF THE BUILDING WOULD HAVE REVEALED. THE SUBMISSION OF A BID WILL BE CONSIDERATION AS ACKNOWLEDGEMENT ON THE PART OF THE BIDDER OF HIS VISITATION TO THE SITE.
- LOCATIONS SHOWN FOR CONNECTIONS TO EQUIPMENT ARE DIAGRAMMATIC, INSTALLATION SHALL BE FOR EASE OF MAINTENANCE, AND TO SUIT THE EQUIPMENT.
- PROVIDE ALL REQUIRED PULL BOXES, JUNCTION BOXES, WIRE THROUGH'S AND DISCONNECT SWITCHES.
- ALL WIRING THROUGH FLOORS SHALL BE SEALED WITH FIRE RATED CAULKING.
- WIRING FOR ALL ELECTRICAL SYSTEMS SHALL BE COLOR CODED.
- COORDINATE THE INSTALLATION OF ALL LIGHTING FIXTURES IN ALL SPACES TO AVOID CONFLICT WITH OTHER EQUIPMENT.
- INSTALLATION OF OUTLET BOXES BACK TO BACK WILL NOT BE PERMITTED.
- WIRING METHODS SHALL CONFORM TO THE REGULATIONS OF THE STATE BUILDING CODE, THE LOCAL ELECTRICAL UTILITY COMPANY, THE NATIONAL ELECTRIC CODE, AND THE xxxxxxxxxxxxxxxxxxxxx FIRE SAFETY CODE.
- NOTICE SHALL BE GIVEN TO THE TELEPHONE COMPANY AND THE OWNER'S VENDOR AT LEAST TWO WEEKS IN ADVANCE FOR ANY MATERIAL WORK THAT THEY ARE PROVIDING.
- VERIFY ALL CEILING TYPES AND MATERIALS USED IN THEIR CONSTRUCTION BEFORE ORDERING ANY LIGHTING FIXTURES.
- ALL WIRING SHALL BE CONCEALED UNLESS OTHERWISE NOTED.
- PROVIDE ALL GROUNDING INCLUDING GREEN EQUIPMENT GROUND AS REQUIRED.
- OBTAIN NECESSARY PERMITS, CERTIFICATES, AND PRESENT SATISFACTORY PROOF OF FINAL INSPECTION BY THE LOCAL AUTHORITY AND THE SUPERINTENDENT OF FIRE PROTECTION SYSTEM, AND APPROVAL TO THE CONTRACTOR.
- THE CONTRACTOR SHALL PERFORM A PRE-TEST OF THE FIRE ALARM SYSTEM. ONCE THE ENTIRE SYSTEM HAS BEEN TESTED AND APPROVED, A FINAL TEST WITH THE LOCAL FIRE DEPARTMENT SHALL BE SCHEDULED.
- PROVIDE SHOP DRAWINGS FOR ALL MAJOR ELECTRICAL MATERIALS SUCH AS LIGHT FIXTURES, DEVICES, FIRE ALARM COMPONENTS, PANEL BOARDS, DISCONNECT SWITCHES, CIRCUIT BREAKERS, WIRE MOLD COMPONENTS, ETC...
- PROVIDE NAMEPLATES AND TYPED DIRECTORIES FOR ALL PANEL BOARDS.
- ALL WIRING SHALL BE COPPER - EXCEPT SERVICE ENTRANCE CONDUCTORS AND PANEL BOARD FEEDERS.
- ALL RECEPTACLES FOR THE KITCHEN AND COUNTERS (BATHROOMS - UTILITY ARES) SHALL BE RATED FOR 20 AMP.
- ALL DEVICES SHALL BE WHITE COLOR WITH HIGH ABUSE NYLON COVERPLATES.
- ALL BRANCH CIRCUITING SHALL BE SUPPORTED OFF THE CEILING. ALSO, BRANCH CIRCUITING AND CONDUIT RUNS SHALL BE PERPENDICULAR AND PARELLEL TO THE BUILDING LINES.
- MAINTAIN CORRECT PHASE SEQUENCE OF ALL 3Ø FEEDERS AND CIRCUITS BY ESTABLISHING PHASE IDENTIFICATION AND MAINTAINING CORRECT RELATIONSHIP THROUGHOUT THE SYSTEM. PROVIDE LINE BALANCE WITHIN 10% OF NORMAL LOADS.
- SUPPORT CONDUITS AT A MAXIMUM OF 5 FEET ON CENTER.
- PROVIDE ALL DISCONNECT SWITCHES AS REQUIRED. DISCONNECTS FOR A/C SHALL NOT BE PLASTIC
- PANEL BOARDS SHALL BE DEAD FRONT SAFETY TYPE WITH HINGED LOCKABLE COVER, NEMA 4X CONSTRUCTION. BUSSING SHALL BE COPPER AND CIRCUIT BREAKERS SHALL BE BOLT-ON. FAULT CURRENT RATING SHALL BE A MINIMUM OF 10,000 A.I.C.
- WIRING FOR THE FIRE ALARM SYSTEM SHALL BE COLOR CODED AS PER THE R.I. FIRE SAFETY CODE AND SHALL BE #14 TYPE THHN SOLID. THE HORN/STROBE LIGHTS SHALL MEET FEDERAL "ADA" STANDARDS.
- THE CONTRACTOR SHALL GUARANTEE ALL ELECTRICAL EQUIPMENT AND WIRING FREE FROM INHERENT MECHANICAL AND ELECTRICAL DEFECTS FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE.
- NO SWITCHES OR PLUGS SHALL BE PURCHASED THRU ANY LARGE BOX STORES (IE. HOME DEPOT, LOWE'S). PROOF OF PURCHASE THRU AN ELECTRICAL SUPPLY SHALL SHALL BE PRESENTED TO THE OWNER.
- NO ELECTRICAL GANG BOXES SHALL BE MORE THAN 4 GANG.
- ALL ELECTRICAL LIGHTING SHALL BE LED WHEN EVER POSSIBLE.
- ALL INTERIOR PLUGS SHALL BE TAMPER PROOF TYPE PLUGS. ALL EXTERIOR SHALL BE WEATHER PROOF TYPE PLUGS.
- ALL PLUGS FOR GARAGE DOOR OPENERS LOCATION SHALL BE COORDINATED WITH THE CONTRACTOR BEFORE INSTALLATION.
- PANEL BOARD LOCATIONS SHALL BE COORDINATED WITH THE BUILDER ON EXACT LOCATION. MAIN PANEL BOARD SHALL BE INSTALLED PER DRAWING E-11. MAIN PANEL BOARD SHALL BE MOUNTED ON A ¾" X 4' X 8' PIECE OF PLYWOOD.
- ALL OUTLETS SHALL NOT BE WIRED AS A PASSTHRU DEVICE. ALL PLUGS SHALL BE CONNECTED TO THE BRANCH CIRCUIT WITH A WIRE PIGTAIL ONLY.



## ONE LINE POWER DISTRIBUTION SCHEMATIC

NEW SINGLE FAMILY HOME



NAME: TADD BESSET 493 PLAIN RD WEST GREENWICH, RI	
SCALE: NTS	PROJECT: ONLINE
DRAWN BY: KAR	DATE: 03-16-2023
SIZE: 11 X 17	REV
DWG NO: E-11	1