

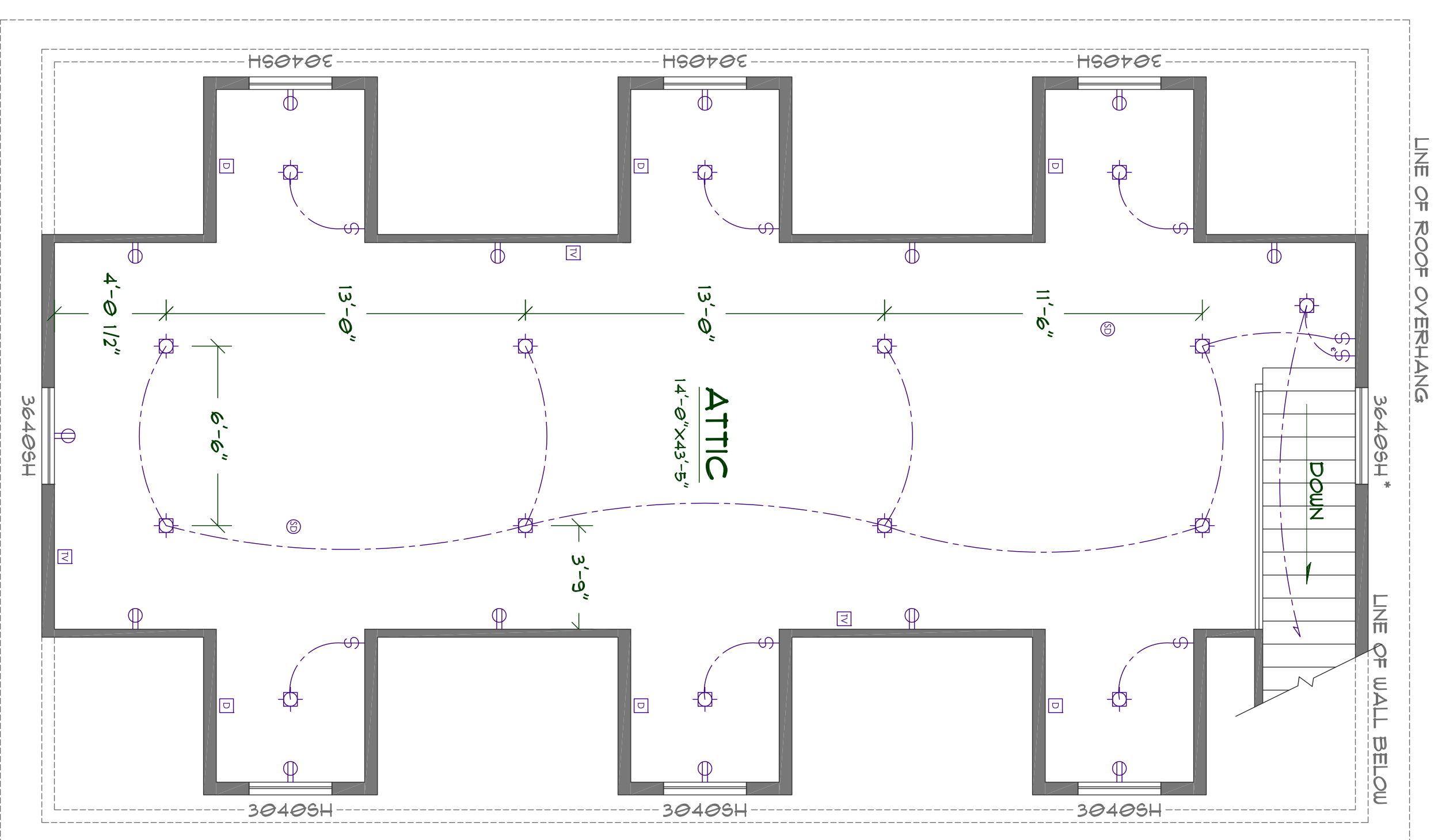
**ELECTRICAL NOTES:**

1. ALL WIRING TO BE COPPER, WITH INSULATION SIZED PROPERLY FOR THE CIRCUIT LOADED TO THE AWG RATINGS
2. METAL BOXES SHALL BE INSTALLED AT EACH CONDUCTOR 90° ELONG OUTLET SWITCH, JUNCTION OR PULL POINT. ALL BOXES SHALL BE GROUNDED WITH A BONDING JUMPER AND HAVE ALL UNUSED KNOCKOUTS CLOSED BY APPROVED METHODS.
3. ALL SWITCHES, OUTLETS AND BOXES IN A WET LOCATION OR OUTSIDE OF BUILDING SHALL BE ENCLOSED IN A WEATHERPROOF ENCLOSURE OR CABINET.
4. CONFIRM LOCATION OF PHONE, DATA, TELEVISION AND ALL SOFFIT AND EXTERNAL OUTLETS.
5. CONFIRM LOCATION OF ALL EXT. FLOOD LIGHTS AND SPOT LIGHTS IF APPLICABLE.
6. SMOKE DETECTORS REQUIRED ON EACH FLOOR LEVEL ALL INTERCONNECTED IN SERIES AND LOCATED AS NOTED ON PLANS. A SMOKE DETECTOR SHALL BE INSTALLED IN EACH SLEEPING ROOM AND OUTSIDE OF EACH SLEEPING AREA IN THE IMMEDIATE VICINITY OF THE SLEEPING ROOM(S). ALL SMOKE DETECTORS MUST BE POWERED FROM THE ELECTRICAL PANEL AND BACKED UP WITH BATTERIES.
1. ALL RECESSED CAN LIGHTS TO BE IC-RATED FIXTURES.
8. PROVIDE DEDICATED CIRCUIT FOR EACH HEATING UNIT IF ELECTRICAL HEATERS ARE INSTALLED.
9. PROVIDE INDIVIDUAL BRANCH CIRCUITS FOR FURNACE, ELECT. WATER HEATER, RANGE, WELDER, AND REFRIGERATOR.
10. ALL GARAGE OUTLETS GFCI, 10' OFF FLOOR TYP.
11. LOCATE WIRING TO AVOID INTERFERENCE WITH BUILDING STRUCTURAL MEMBERS, EQUIPMENT AND BUILDING OPENINGS.
12. BUILDING SHALL REQUIRE A MIN. 100 AMP SERVICE AND SHALL BE SIZED ACCORDING TO SERVICE LOAD CALCULATIONS DONE BY A QUALIFIED ELECTRICAL CONTRACTOR OR ENGINEER.
13. AFCI PROTECTION IN ALL SLEEPING ROOMS AT SERVICE PANEL.
14. PROVIDE TWO 1/2" DIA. OR LARGER COPPER-CLAD GROUNDING ELECTRODES SPACED A MIN. 6' APART WITH EACH A MIN. OF 8' IN LENGTH.
15. PROVIDE LIGHT IN ATTIC CRAWLSPACE W/ SWITCH @ ACCESS.
16. LIGHTS IN CLOSETS SHALL CONFORM TO CLEARANCES SPECIFIED IN NEC 410-9

**ELECT. SYMBOL LEGEND**

- \$ SWITCH
- \$ 3-WAY SWITCH
- ⊕ 120 VOLT OUTLET
- ⊕ DEDICATED CIRCUIT
- ⊕ 240 VOLT CIRCUIT
- ⊕ STANDARD LIGHT FIXT.
- ⊕ RECESSED CAN LIGHT
- ⊕ WALL LIGHT FIXT.
- ⊕ FLUORESCENT LIGHT FIXT.
- ⊕ METAL HALIDE WALL PACK
- ⊕ SMOKE DETECTOR
- ⊕ EXHAUST FAN
- ⊕ DATA/PHONE JACK
- ⊕ TELEVISION JACK
- ⊕ RECESSED WALL MOUNT ELECTRIC HEATER

• TEMPERED GLASS REQUIRED

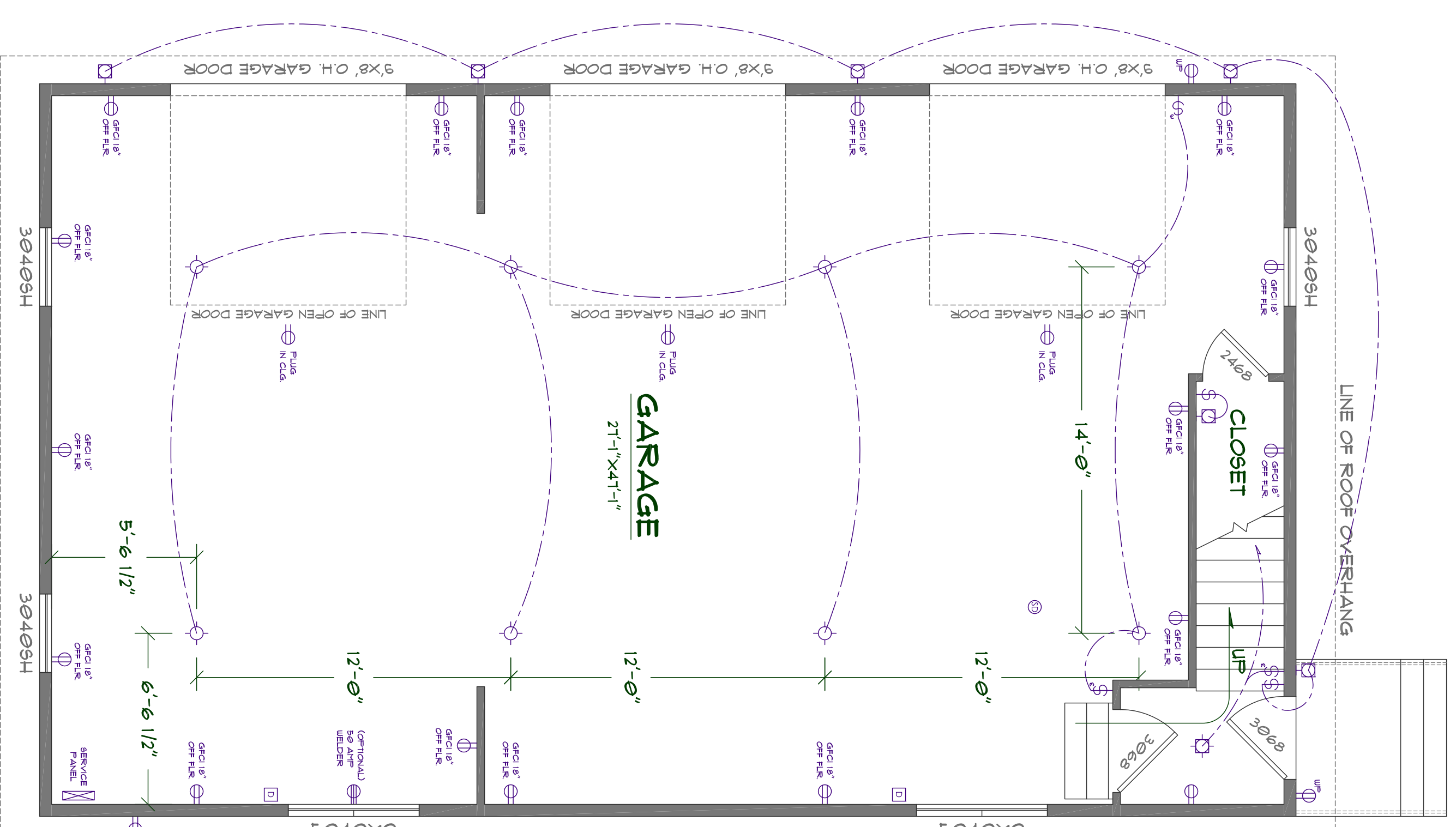


**ATTIC ELECT. PLAN**

SCALE 1/4"=1'-0"

**ELECTRICAL CONTRACTOR NOTES:**

1. ELECTRICAL CONTRACTOR SHALL VISIT SITE TO VERIFY CONDITION OF EXISTING CONSTRUCTION AND SITE PRIOR TO COMMENCEMENT OF WORK.
2. ELECTRICAL CONTRACTOR MUST CONTACT SERVING UTILITY COMPANY AND LOCAL ELECTRICAL INSPECTOR TO DETERMINE REQUIREMENTS TO OBTAIN SERVICE SIZE FOR NEW BUILDING.
3. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR SECURING ALL PERMITS AND PAYING ALL FEES REQUIRED FOR WORK PERFORMED.
4. ALL WORK PERFORMED SHALL MEET THE REQUIREMENTS OF APPLICABLE STATE ELECTRICAL CODES, AND ALL NATIONAL CODES: 2012 NEC, 2012 IFC AND 2012 IRC AS APPLICABLE.
5. THE EXACT TYPE AND LOCATION OF ALL FIXTURES, OUTLETS OR DEVICES SHALL BE COORDINATED ON LOCATION AT TIME OF CONSTRUCTION WITH THE GENERAL CONTRACTOR, ELECTRICAL CONTRACTOR AND OWNER.



**MAIN FLOOR ELECT. PLAN**

SCALE 1/4"=1'-0"

**TELE/DATA NOTES:**

1. SUPPLY AND INSTALL 42" DATA PANEL, LEVITON 310-41609-42U OR EQUIV. AS PER OWNER INSTRUCTION.
2. ALL VERT. AND HORIZ. RUNS OF TELE/DATA WIRING TO BE ENCLOSED IN 3/4" CARLON ENT FLEXIBLE TUBING (TELLOW) TO ALLOW FOR FUTURE EXPANSION.
3. PHONE AND DATA JACKS SHALL BE LEVITON QUICKPORT SERIES W/ LEVITON QUICKPORT 6-FORT WALL PLATES OR EQUIV.
4. PROVIDE (1) CAT3 AND (2) CAT5E LINES FOR EACH DATA JACK SHOWN ON PLAN.

**NOTE:**  
DIMENSIONS SHOWN ARE FOR LAYOUT PURPOSE ONLY AND MAY DIFFER FROM FINAL LUMINAIRE INSTALLATION.



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PLAN NO.  
**GARAGE4828B-A6D-3**  
SCALE 1/4"=1'-0" REVISION: A, 1

DESIGNED BY:  
**NFW**  
DATE:  
**5/5/2013**

**ELECTRICAL PLANS  
MAIN FLOOR & ATTIC**

SHEET CONTENTS:


CUSTOMER:

LOCATION: