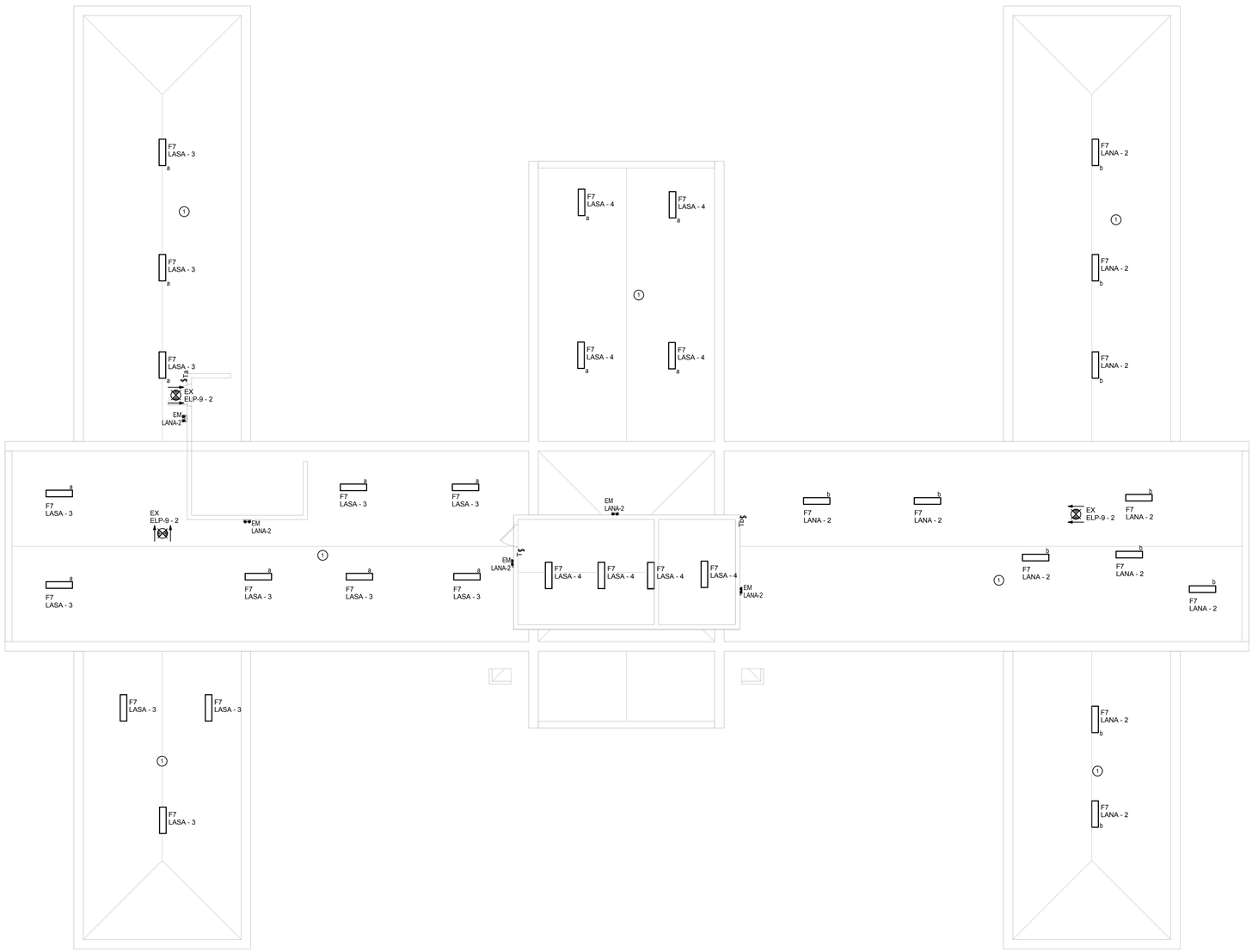

1 ATTIC PLAN - LIGHTING
1/8" = 1'-0"

OCCUPANCY SENSOR INSTALLATION GUIDLINES

1. THE OCCUPANCY SENSORS INDICATED ON THE DRAWINGS ARE SHOWN FOR DESIGN INTENT ONLY. THE EXACT QUANTITY OF SENSORS SHALL BE DETERMINED BY THE ELECTRICAL CONTRACTOR PRIOR TO INSTALLING SENSORS BASED ON THE MANUFACTURER'S LITERATURE.
2. PROVIDE 100% COVERAGE OF EACH INDIVIDUAL ROOM/SPACE SHOWN ON THE DRAWINGS.
3. DO NOT INSTALL SENSORS PRIOR TO SUBMITTING COVERAGE LAYOUTS FOR EACH INDIVIDUAL ROOM TO THE ENGINEER FOR APPROVAL. EACH ROOM SHALL BE SUBMITTED SEPARATELY FOR REVIEW.
4. DO NOT INSTALL SENSORS SUCH THAT THEY CAN POTENTIALLY "SEE" THROUGH OPEN DOORWAYS.
5. INSTALL ALL LOW VOLTAGE POWER PACKS DIRECTLY ABOVE THE LOCAL WALL SWITCHES IN THE AREA.
6. SENSOR OPERATION SHALL BE AS FOLLOWS:
   1. OCCUPANT ENTERS ROOM AND THEY MUST MANUALLY TURN ON LIGHTS.
   2. SENSOR TURNS OFF LIGHTS AFTER 10 MINUTES OF INACTIVITY.
   3. UPON SENSING ACTIVITY LIGHTS TURN BACK ON.
7. DO NOT INSTALL ULTRASONIC OR DUAL TECHNOLOGY SENSORS WITHIN 24" OF SUPPLY DIFFUSERS.

LIGHTING GENERAL NOTES

1. ALL EXIT SIGNS SHALL BE POWERED FROM THE CIRCUIT INDICATED AND UNSWITCHED.
2. EMERGENCY BATTERY BALLASTS SHALL HAVE AN UNSWITCHED LEG PROVIDED TO EACH FIXTURE.
3. ALL NORMAL/EMERGENCY FIXTURES POWERED BY AN EMERGENCY GENERATOR SHALL HAVE A BODINE GTD20 OR EQUAL ON THE CIRCUIT TO PERMIT LOCAL CONTROL WITH THE ADJACENT FIXTURES.
4. COORDINATE FINAL LOCATIONS OF FIXTURES WITH THE REFLECTED CEILING PLAN, HVAC/PLUMBING DRAWINGS. ANY CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND ENGINEER.
5. COORDINATE ALL MOUNTING HEIGHTS WITH THE ARCHITECT AND ENGINEER PRIOR TO ROUGH-IN.
6. WHERE MORE THAN ONE SWITCH OCCURS IN THE SAME LOCATION. THEY SHALL BE INSTALLED IN GANG TYPE BOX UNDER ONE COVERPLATE. MINIMUM CONDUIT SIZE 3/4". MINIMUM WIRE SIZE SHALL BE #12 AWG. ALL WIRE TO BE STRANDED COPPER.

LIGHTING NUMBERED NOTES (This Drawing)

1. LIGHT FIXTURES SHALL BE CHAIN HUNG IN ATTIC, COORDINATE LIGHT LOCATIONS WITH MECHANICAL EQUIPMENT PRIOR TO ROUGH-IN.

NORTH

FULLY SPRINKLERED BID DOCUMENTS

Revisions:	Date

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Drawing Title LIGHTING PLAN - ATTIC	**Project Title** BUILDING 9 - SECOND FLOOR RENOVATION		**Project Number** 542-13-105
Approved: Project Director	**Location:** 1400 Blackhorse Hill Road Coatesville, PA 19320		**Building Number** 9
	Date 05 / 12 / 14	**Checked** JJD / **Drawn** JMZ	**Drawing Number** E103
			Dwg. 106 **of** 125

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