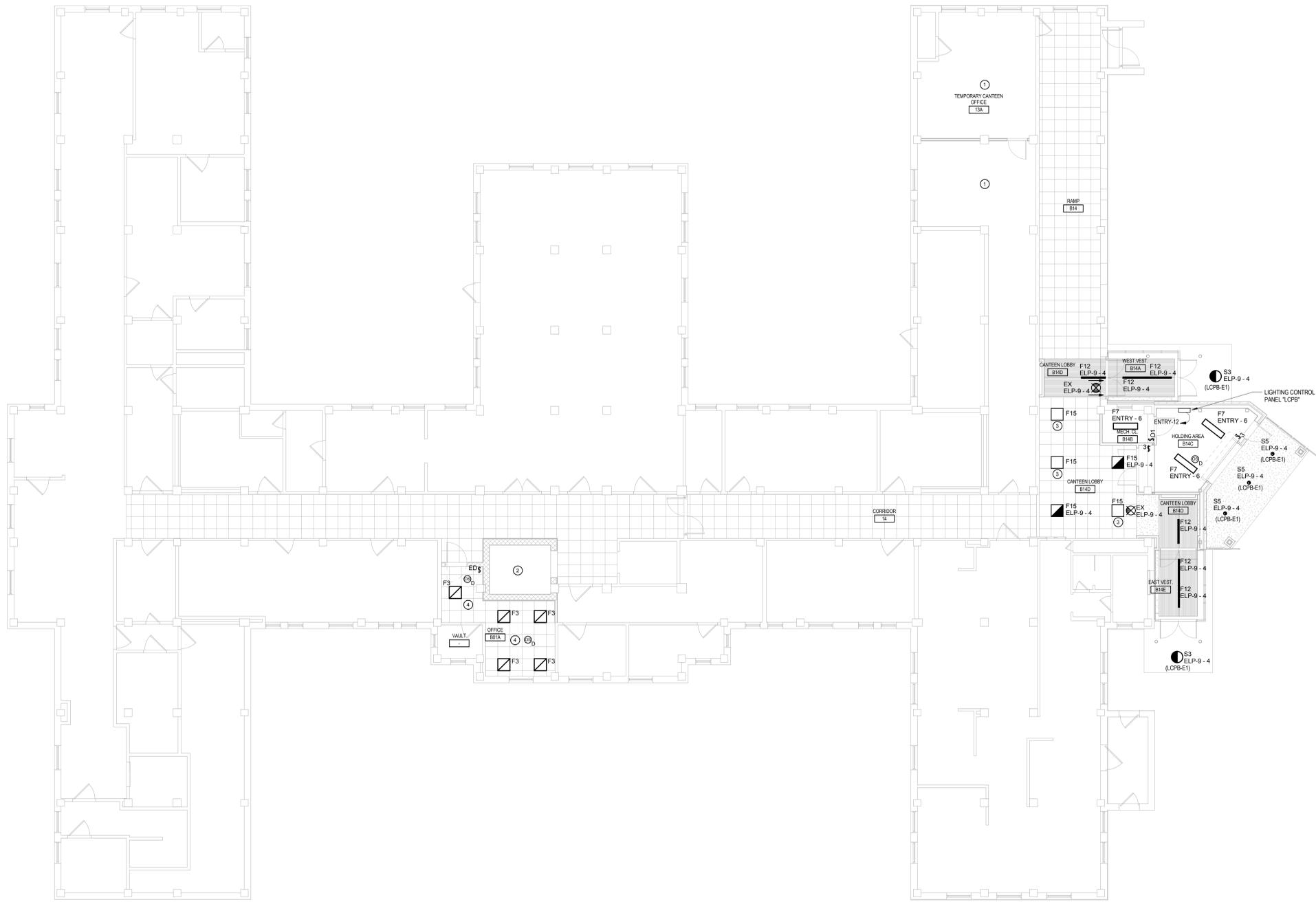


three inches = one foot  
 one and one half inch = one foot  
 one inch = one foot  
 three quarters inch = one foot  
 one half inch = one foot  
 one quarter inch = one foot  
 one eighth inch = one foot  
 one quarter inch = one foot  
 one eighth inch = one foot



**OCCUPANCY SENSOR INSTALLATION GUIDELINES**

- 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.
- PROVIDE 100% COVERAGE OF EACH INDIVIDUAL ROOMSPACE SHOWN ON THE DRAWINGS.
- 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.
- DO NOT INSTALL SENSORS SUCH THAT THEY CAN POTENTIALLY "SEE" THROUGH OPEN DOORWAYS.
- INSTALL ALL LOW VOLTAGE POWER PACKS DIRECTLY ABOVE THE LOCAL WALL SWITCHES IN THE AREA.
- SENSOR OPERATION SHALL BE AS FOLLOWS:
  - OCCUPANT ENTERS ROOM AND THEY MUST MANUALLY TURN ON LIGHTS.
  - SENSOR TURNS OFF LIGHTS AFTER 10 MINUTES OF INACTIVITY.
  - UPON SENSING ACTIVITY LIGHTS TURN BACK ON.
- DO NOT INSTALL ULTRASONIC OR DUAL TECHNOLOGY SENSORS WITHIN 24" OF SUPPLY DIFFUSERS.

**LIGHTING GENERAL NOTES**

- ALL EXIT SIGNS SHALL BE POWERED FROM THE CIRCUIT INDICATED AND UNSWITCHED.
- EMERGENCY BATTERY BALLASTS SHALL HAVE AN UNSWITCHED LEG PROVIDED TO EACH FIXTURE.
- ALL NORMAL EMERGENCY FIXTURES POWERED BY AN EMERGENCY GENERATOR SHALL HAVE A BONGING GT200 OR EQUAL ON THE CIRCUIT TO PERMIT LOCAL CONTROL WITH THE ADJACENT FIXTURES.
- COORDINATE FINAL LOCATIONS OF FIXTURES WITH THE REFLECTED CEILING PLAN. ANY CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND ENGINEER.
- COORDINATE ALL MOUNTING HEIGHTS WITH THE ARCHITECT AND ENGINEER PRIOR TO ROUGH-IN.
- WHERE MORE THAN ONE SWITCH OCCURS IN THE SAME LOCATION, THEY SHALL BE INSTALLED IN GANG TYPE BOX UNDER ONE COVER PLATE. MINIMUM CONDUIT SIZE 3/4". MINIMUM WIRE SIZE SHALL BE #12 AWG. ALL WIRE TO BE STRANDED COPPER.

**NUMBERED NOTES (This Drawing)**

- EXISTING LIGHT FIXTURES SHALL BE REMOVED AND RELOCATED IF NECESSARY TO ACCOMMODATE THE NEW PARTITION WALL. EXISTING CIRCUITING AND SWITCHING SHALL BE RETAINED.
- REFER TO DRAWING E601 FOR ELEVATOR PIT LIGHTING REQUIREMENTS.
- NEW CORRIDOR LIGHT FIXTURES SHALL BE CONNECTED TO EXISTING CORRIDOR LIGHTING CIRCUIT AND SWITCHING SCHEDULED TO BE DEMOLISHED.
- CONNECT NEW LIGHT FIXTURES TO EXISTING LIGHTING CIRCUIT PRESENTLY FEEDING THIS ROOM.

RELAY PANEL SCHEDULE		PANEL NAME: LCPB	
RELAY #	LOAD INFORMATION	LOAD TYPE	CONTROL TYPE
NORMAL SECTION			
N1	SITE LIGHT BOLLARDS	LIGHTING	ENTRY 8
N2	SPARE		
EMERGENCY SECTION			
E1	EGRESS LTG - LOADING DOCK	LIGHTING	ELP9 4
E2	SPARE		

- LIGHTING SEQUENCE OF OPERATION:**
- RELAYS N1 & E1 SHALL BE CONTROLLED BY THE TIMECLOCK FROM 6:00p.m. - 6:00a.m. (M-F). DURING THE WEEKENDS THE LIGHTING SHALL BE CONTROLLED VIA PHOTOCELL OR OWNER CUSTOM SCHEDULE. COORDINATE WITH OWNER ANY SCHEDULING.

**1 LIGHTING PLAN - BASEMENT FLOOR**  
 1/8" = 1'-0"



**FULLY SPRINKLERED  
 BID DOCUMENTS**

<p><b>CONSULTANTS:</b></p>	<p><b>ARCHITECTS/ENGINEERS:</b></p> <p>6587 HAMILTON AVENUE                  PITTSBURGH, PENNSYLVANIA 15206                  PH: 412.287.7333 FAX: 412.287.7334                  www.ae-works.com</p>	<p>Drawing Title                  LIGHTING PLAN - BASEMENT FLOOR</p> <p>Approved: Project Director</p>	<p>Project Title                  BUILDING 9 - SECOND FLOOR RENOVATION</p> <p>Location: 1400 Blackhorse Hill Road                  Coatesville, PA 19320</p> <p>Date: 05 / 12 / 14</p> <p>Checked: JJD                  Drawn: JMZ</p>	<p>Project Number                  542-13-105</p> <p>Building Number                  9</p> <p>Drawing Number                  E100</p> <p>Dwg. 103 of 125</p>	<p><b>Office of Construction and Facilities Management</b></p>
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