

**REQUISITES FOR SUPPLYING A LED ILLUMINATION SYSTEM FOR
THE MAIN FAÇADE OF CHANCERY**

1 GENERAL REQUIREMENTS FOR THE ILLUMINATION AT THE MAIN DOOR OF CHANCERY BUILDING (KING KONG DOOR).

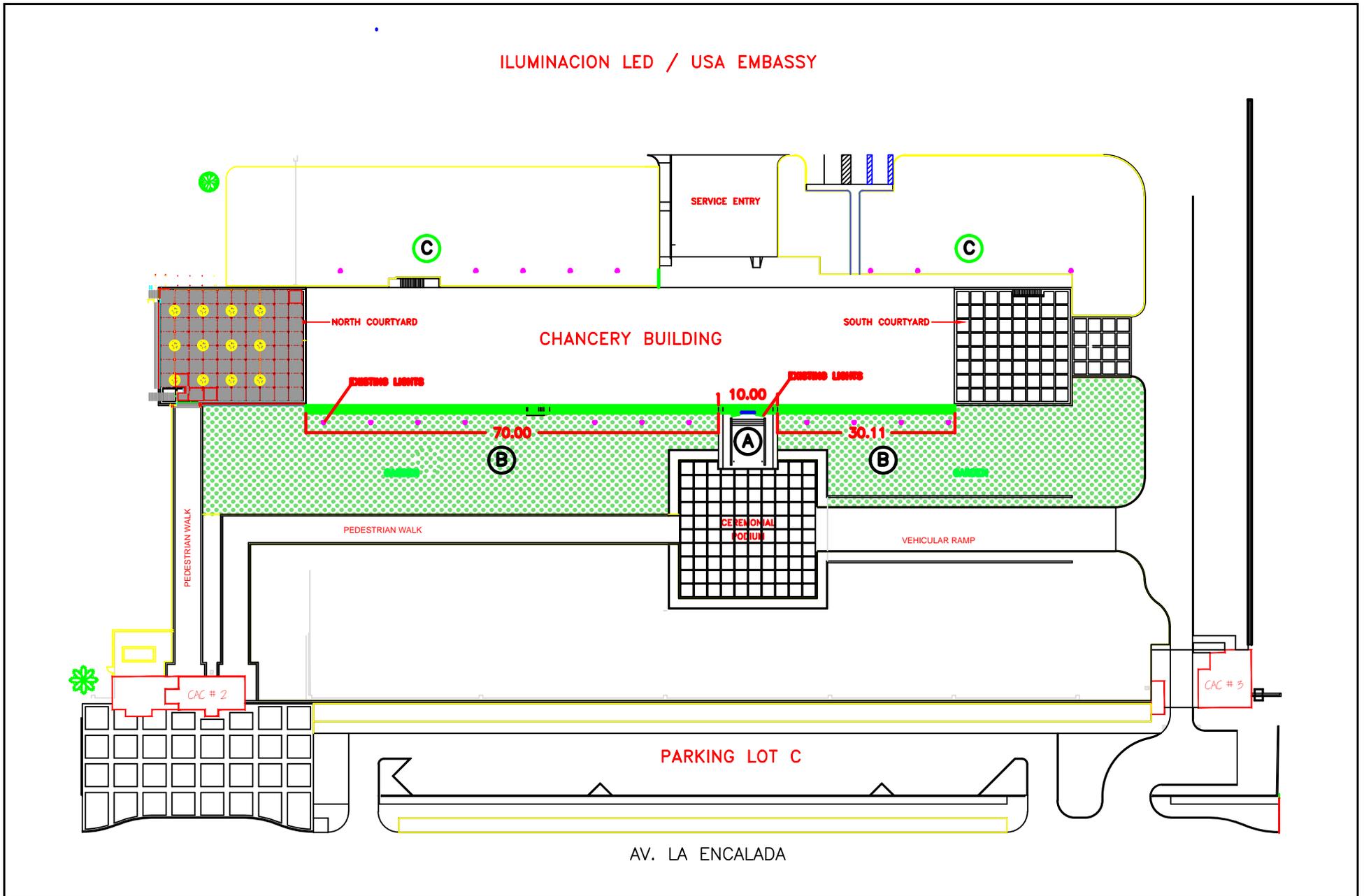
- 1.1 The illumination system requested shall be designed for the main door of Chancery Building (See attachment 2, area A) with LED lights RGB of 120V and IP66, IP67.
- 1.2 The system must include a study of illumination in order to warrant a satisfactory level of illumination according their recommendations.
- 1.3 The LED light must be projector type of high power to set into the floor at from the main door (See attachment 5).
- 1.4 The new fixture lights must not be too big to save space and will must replace the old lamps. (See the attachment 3 and 4 with the existing fixtures lights).
- 1.5 The fixture light must be approved by IEC or UL laboratories with tests IP, IK, EMC and temperatures work.
- 1.6 This illumination system must have a DMX or similar system for controllers, recorders, amplifiers, splitters and all the necessities devices to program the lights with different themes according the event accomplished.
- 1.7 The supplier must give an installation schematic civil architecture and electrical with all the recommendations for its future installation. The schematic must include the interconnection between both types of lights.
 - **Note:** This system must be compatible with the lights that will be installed at the main façade (See attachment 2, area B).

2 GENERAL REQUIREMENTS FOR THE ILLUMINATION AT THE MAIN FAÇADE OF CHANCERY.

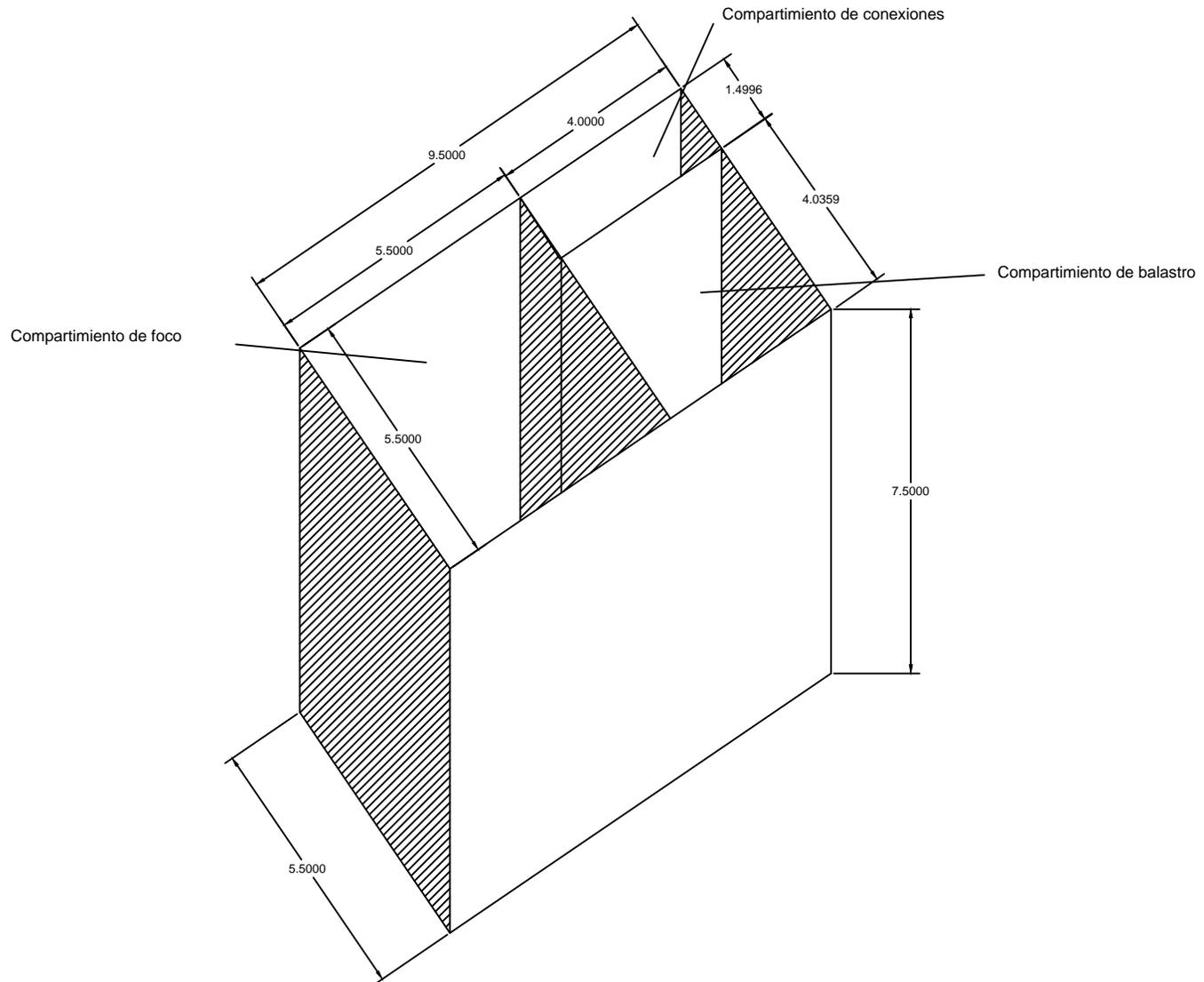
- 2.1 The illumination system requested shall be designed for the main facade of Chancery Building (See attachment 2, area B) with LED lights RGB of 120V and IP66, IP67.
- 2.2 The system must include a study of illumination in order to warrant a satisfactory level of illumination according their recommendations.
- 2.3 The LED light must be projector type of high power that will installed on the garden over a concrete pad to avoid the contact with the ground reducing the condition of the corrosion.
- 2.4 The lights' diffuser must be impact resister, easy to set on the concrete pad and a manual orientation system.

- 2.5 The fixture light must be approved by IEC or UL laboratories with tests IP, IK, EMC and temperatures work.
- 2.6 This illumination system must have a DMX or similar system for controllers, recorders, amplifiers, splitters and all the necessary devices to program the lights with different themes according to the event accomplished.
- 2.7 The light must wash the whole wall with the design programmed. (Height 28mt.)
- 2.8 The supplier must give an installation schematic civil architecture and electrical with all the recommendations for its future installation. The schematic must include the interconnection between both types of lights.
- **Note:** This system must be compatible with the lights that will be installed at The Main Door of Chancery Building (See attachment 2, area A).
 - The facility, US Chancery Building is located in Encalada Ave. Block 17 s/n. All inspections in order to take measure and recognize the area shall be requested through the Embassy's Facility Manager [FM] or Contracting Officer Representative [COR].

ILUMINACION LED / USA EMBASSY

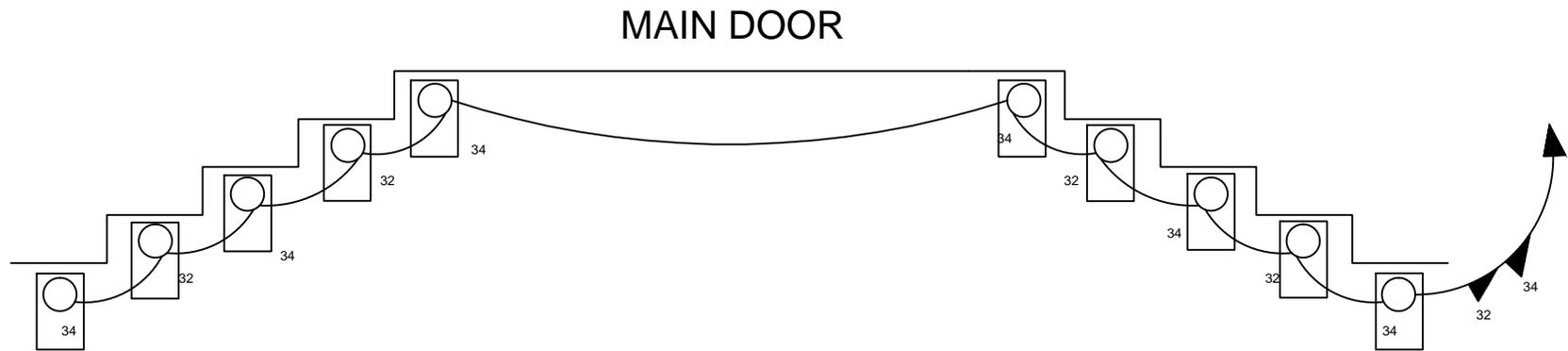


Luminaria Kim Lighting #CFL 100MH 120V



Nota: Las medidas estan en pulgadas

Attachment 4



02 CIRCUITS - C32,C34 - 120V - 03WIRES#10, 01WIRE#10G, TUBE $\frac{3}{4}$ "

BY AQ 05/08/2014

