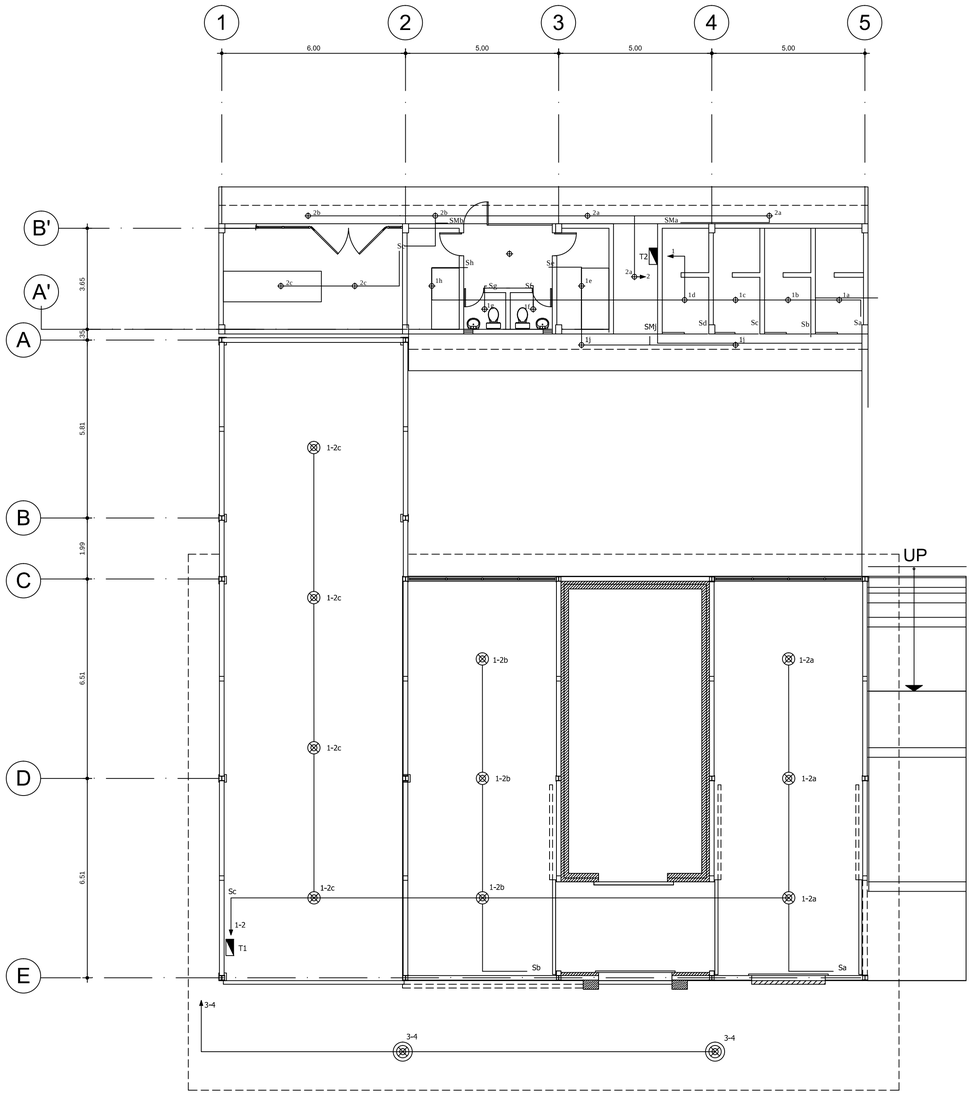


ILLUMINATION SYSTEM
PLAN VIEW

SCALE:_____1:100

ELECTRIC SYSTEM SYMBOLS ILLUMINATION	
SYMBOL	DESCRIPTION
⊕	LAMP 100 W 120 VOLTS IN SLAB
S	SWITCH 15 A. 125 V.
SM	SWITCH 15 A. 125 V. WITH MOVEMENT DETECTOR
◪	LOAD PANEL
——	PVC PIPE + CONDUCTOR THHN 2*14+16T AWG CONCEALED ABOVE CEILING &/OR IN WALL
⊗	INDUSTRIAL HANGING LAMP HBP-16" 250W SUPPORT WITH STEEL ROD
⊗	EXTERIOR INDUSTRIAL REFLECTOR LAMP 300W/240V – SUPPORTED UNDER ROOF.

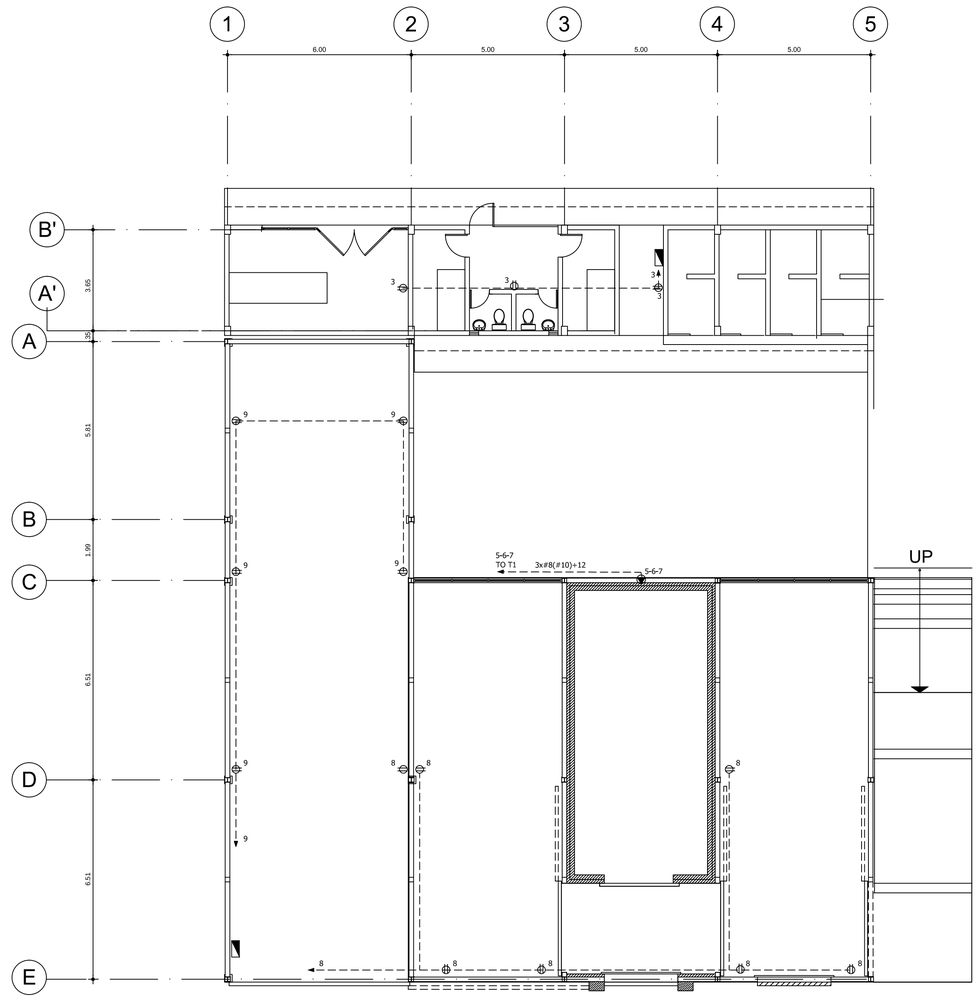
NOTES:

The freezing room area will have a illumination according to the requirements and recommendations of the manufacturer.
The lighting circuits will be wired with THHN cable, 1x#14(14) AWG, settled in electrical pipe type PVC ø1/2"(13mm thickness), or it will be specified in designs.
The colors that will be used are: black, red or blue for the phases, white for the neutral cable and yellow for the return cable.

ELECTRIC SYSTEM SYMBOLS POWER	
SYMBOL	DESCRIPTION
⦶	POLARIZED POWER OUTLET – 125 V–15 A, A 25
◪	LOAD PANEL
▲	240/210V SPECIAL POWER OUTLET & CONNECTIONS ACCORDING TO THE REQUIREMENTS SPECIFIED BY THE FREEZING ROOM MANUFACTURER.
- - - - - -	PVC PIPE CONDUCTOR THHN 2*10+12T AWG CONCEALED BELLOW FLOOR &/OR IN WALL

NOTES:

The electrical power circuits will be wired with THHN cable, 1x#12(12)+#14 AWG, settled in electrical pipe type PVC ø1/2", for single-phase and 2x#10+#12 AWG, settled in electrical pipe type PVC ø3/4", for two-phase, or it will be specified in designs.
The colors that will be used are: black, red or blue for the phases, white for neutral cable and green for earth cable.



POWER SYSTEM
PLAN VIEW

SCALE:_____1:100

NARCOTICS AFFAIRS OFFICE - COSTA RICA

SECONDARY INSPECTION SITE FOR
KM35 – COSTA RICA POLICE

DESCRIPTION: ELECTRIC SYSTEM ILLUMINATION & POWER

UNITS: METERS
VERSION: 01
CODE: 0001
DATE: FEBRUARY– 2013
DRAWN BY: MARIO NARVAEZ

SCALE: LISTED
ACAD FILE: DWG SECOND INSPECT ARCH.dwg
SHEET #: S-3
TOTAL SHEETS: 3

PROJECT COORDINATOR: MARIO NARVAEZ NAS ENGINEER
NAO ACCEPTANCE: MARCELYN SANCHEZ NARCOTICS AFFAIRS OFFICE
ACCEPTED BY: POLICE REPRESENTATIVE NAME POLICE REPRESENTATIVE
PROFESSIONAL RESPONSIBLE: CONTRACTOR NAME CONSTRUCTION RESPONSIBLE

LOCAL AUTHORITIES APPROVALS: