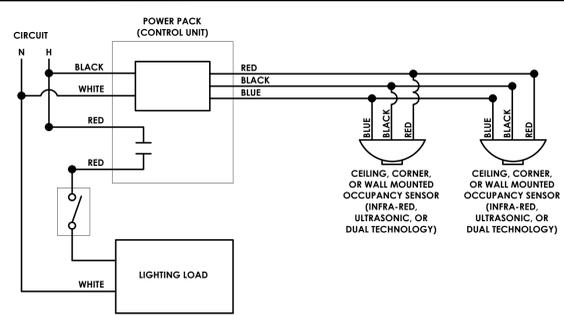
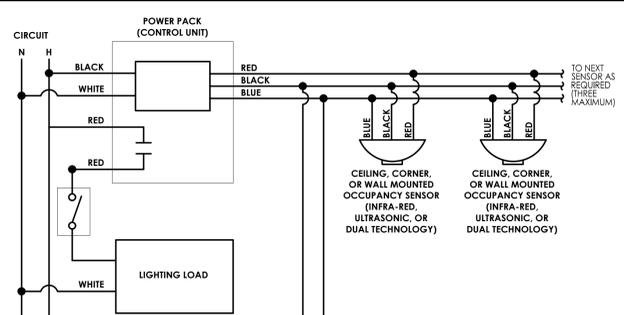


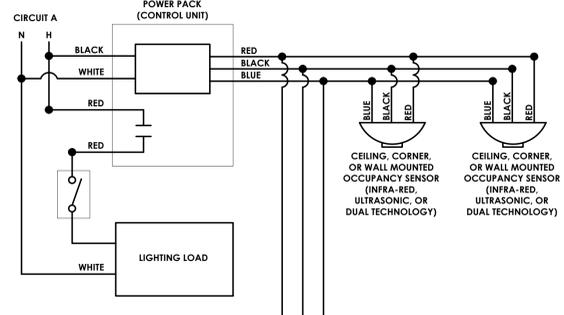
three inches = one foot
 one and one half inches = one foot
 one inch = one foot
 three quarters inch = one foot
 one half inch = one foot
 three eighths inch = one foot
 one quarter inch = one foot
 one eighth inch = one foot



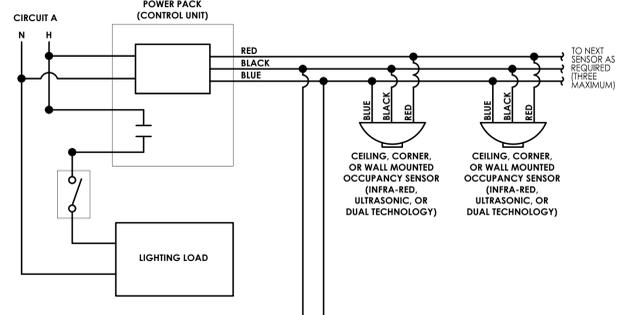
SINGLE CIRCUIT - ONE OR TWO OCCUPANCY SENSOR WITH OVERRIDE SWITCHES WIRING DIAGRAM
 SCALE: NONE



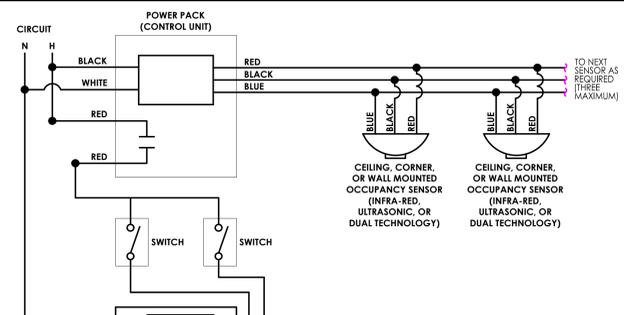
SINGLE CIRCUIT - FOUR TO SIX OCCUPANCY SENSOR WITH OVERRIDE SWITCHES WIRING DIAGRAM
 SCALE: NONE



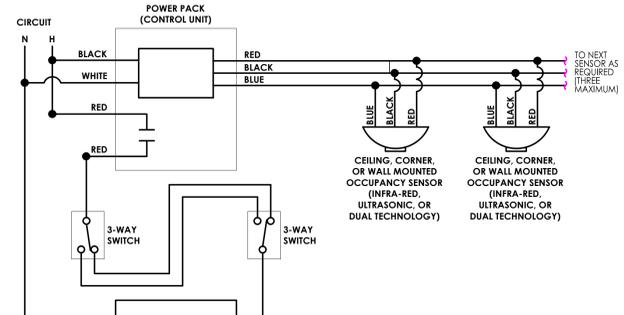
TWO CIRCUIT - ONE OR TWO OCCUPANCY SENSOR WITH OVERRIDE SWITCHES WIRING DIAGRAM
 SCALE: NONE



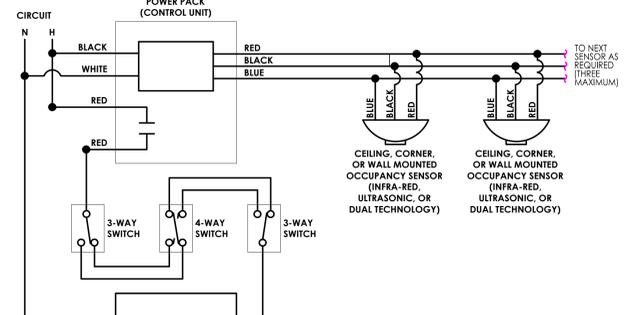
TWO CIRCUIT - FOUR TO SIX OCCUPANCY SENSOR WITH OVERRIDE SWITCHES WIRING DIAGRAM
 SCALE: NONE



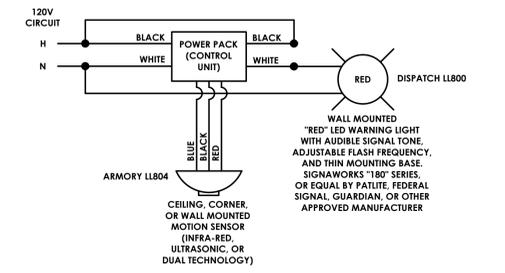
SINGLE CIRCUIT - ONE TO THREE OCCUPANCY SENSOR WITH DUAL LEVEL OVERRIDE SWITCHES WIRING DIAGRAM
 SCALE: NONE



SINGLE CIRCUIT - ONE TO THREE OCCUPANCY SENSOR WITH 3-WAY OVERRIDE SWITCHES WIRING DIAGRAM
 SCALE: NONE



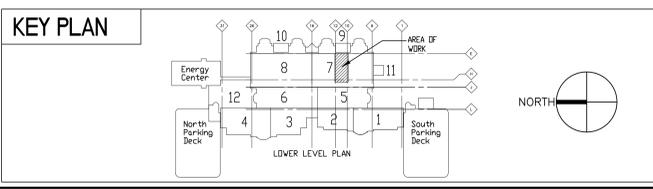
SINGLE CIRCUIT - ONE TO THREE OCCUPANCY SENSOR WITH 4-WAY OVERRIDE SWITCHES WIRING DIAGRAM
 SCALE: NONE



WARNING LIGHT AND MOTION SENSOR WIRING DIAGRAM
 SCALE: NONE

- GENERAL NOTES**
- REFER TO SYMBOLS AND ABBREVIATIONS LISTS ON SHEET NO. E-001.
 - REFER TO MOUNTING HEIGHTS, GENERAL AND ELECTRICAL NOTES ON SHEET NO. E-001.
 - REFER TO SPECIFICATIONS FOR ADDITIONAL ELECTRICAL REQUIREMENTS.
- GENERAL LIGHTING RELAY CONTROL PANEL SCHEDULE NOTES**
- EMERGENCY NIGHT LIGHTING CIRCUITS TO HAVE CIRCUIT BREAKER LOCKED IN THE "ON" POSITION. EMERGENCY RELAYS TO MEET UL924, FAIL CLOSED AND BYPASS LOCAL SWITCHES.
 - FURNISH AND INSTALL SPARE RELAYS TO COMPLETELY FULL RELAY PANEL.
 - CONSULT WITH OWNER FOR ALL SYSTEM PROGRAMMING OPTIONS.
 - ALL SWITCH LOCATIONS WITH MORE THAN TWO BUTTONS SHALL HAVE AN ADDITIONAL BUTTON FOR "ALL ON" AND AN ADDITIONAL BUTTON FOR "ALL OFF".
 - PREFIX ON SWITCHING DESIGNATES THE FOLLOWING UNLESS NOTED OTHERWISE:
 - SL3A: FIXTURE OR BALLAST CIRCUIT DESIGNATION REFER TO FIXTURE NOTES ON SHEET NO. EL-601.
 - SW: SWITCH STYLE REFER TO SYMBOL LIST ON SHEET NO. E-001.
 - SW: SWITCH DESIGNATION REFER TO SYMBOL LIST ON SHEET NO. E-001.
 - SW: SWITCH SYMBOL REFER TO SYMBOL LIST ON SHEET NO. E-001.
 - ZONE DESCRIPTION:
 - a. DAYLIGHTING FIXTURES WITHIN 10' OF WINDOWS SHALL ALSO BE CONTROLLED BY DAYLIGHT SENSORS- WITH PROVISION FOR DIFFERENT LIGHTING LEVELS BASED ON EXPOSURE.
 - b. STEP DIMMING FIXTURES SHALL BE CONTROLLED BY OCCUPANCY SENSORS IN DAYLIGHTING AND NON-DAYLIGHTING ZONES.
 - FURNISH AND INSTALL BARRIER FOR SEPARATION BETWEEN NORMAL AND EMERGENCY CIRCUITS WITHIN ENCLOSURE.
 - PREFIX ON CIRCUITING DESIGNATES THE FOLLOWING UNLESS NOTED OTHERWISE:
 - LETTERS AND NUMBERS IN PARENTHESIS, LOCATED NEXT TO ELECTRICAL DEVICES, FOLLOWING ROOM NAMES AND NUMBERS, REPRESENT PANEL DESIGNATIONS AND CORRESPONDING CIRCUIT NUMBERS. CIRCUIT NUMBERS INDICATED FOR EXISTING PANELS ARE SCHEMATIC ONLY. FIELD VERIFY EXACT CIRCUIT NUMBERS.
 - LIGHTING CONTROL WIRING SCHEMATICS ARE FOR CONCEPT AND BIDDING PURPOSES ONLY. CONTRACTOR TO VERIFY ACTUAL WIRING AND TERMINATION REQUIREMENTS WITH MANUFACTURER SHOP DRAWINGS.

Revisions	Date
ISSUE 006 - CD BID	01.20.11
ISSUE 005 - CD OWNER REVIEW	12.17.10
ISSUE 004 - DESIGN DEVELOPMENT RECORD	11.12.10
ISSUE 003 - DESIGN DEVELOPMENT REVIEW	09.08.10



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Drawing Title	LIGHTING CONTROL DETAILS
Approved Project Director	

Project Title	POLICE SERVICES RELOCATION
Project Number	553-11-108
Building Number	100
Location	DETROIT, MICHIGAN
Date	01-20-2011
Checked	-
Drawn	-
Drawing Number	EL-500
	Dwg. 36 of 50

Office of Construction and Facilities Management
 Department of Veterans Affairs

FULLY SPRINKLERED