

INTEGRAL BLUETOOTH MOTION AND PHOTOCELL SENSOR

User Guide

Configure, test and adjust Bluetooth enabled sensors from your smart phone.

The Sensor app, allows users to easily manage Bluetooth sensor installations despite weather, mounting height restrictions or other physical obstructions. No additional hardware or specialized tools are required.

Sensors are wirelessly configured via the App using secure Bluetooth communication, giving end-users piece of mind that their wireless fixtures are protected.

The Bluetooth Sensor app is easy to use. Follow these simple steps:

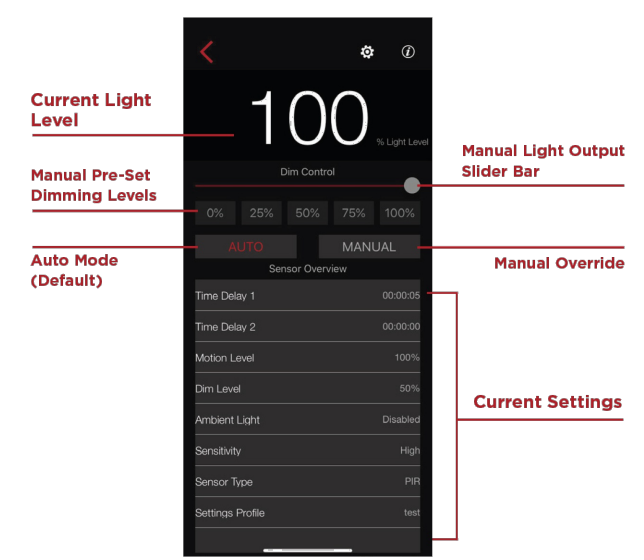
1. Download the app from the App Store or the Google Play
2. Power up your Bluetooth sensor enabled fixtures
3. Open the app on your smart phone.
4. The app will open the following screen:



5. Press the 'SCAN' button at the bottom of the screen and the app will locate all the Bluetooth enabled sensors within range. Fixtures must be within 65 feet line of sight. A list of sensors with their signal strength will appear. Sensors are listed in ascending order of signal strength. All sensors will initially contain the default settings.



6. Select desired fixture to program. When the fixture is connected to the phone via the APP, the fixture will go through a series of 5 high/low flashes and the following screen will appear.

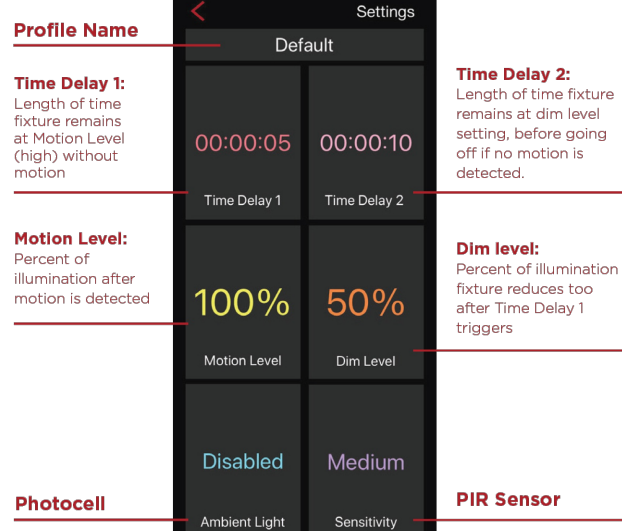


Continued >
11/29/19

INTEGRAL BLUETOOTH MOTION AND PHOTOCELL SENSOR

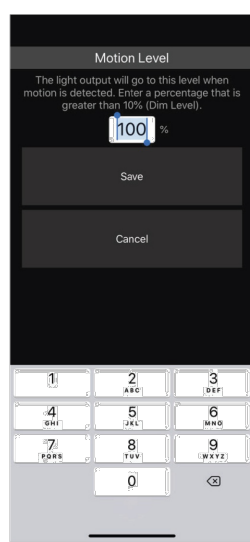
User Guide

7. To Adjust settings, press the settings button in the upper right corner of the screen. The following screen will appear.



To Set Motion Level

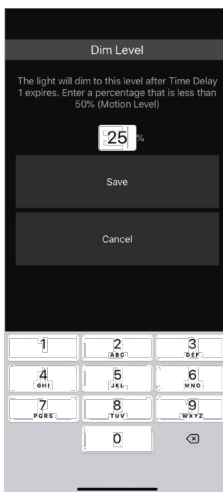
Press Motion Level button and enter the percentage of the total illumination desired when motion is detected. 100 - 1% . Save. Can't be lower than the Dim Level.



Continued >
11/29/19

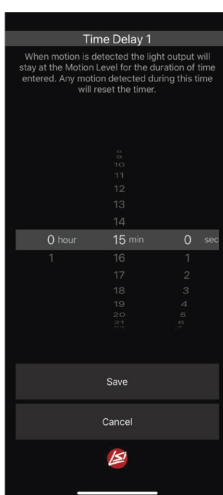
To Set Dim Level

Press Dim Level button and enter the percentage of the total illumination desired when the sensor stops detecting motion and the time delay expires. Adjustable from 0-99%. Save. Must be lower than Motion Level.



To Set Time Delay 1

Press Time Delay 1 button and enter the time in seconds, minutes or hours that must elapse after the last motion is detected for the lights to go to the Dim Level. Max 1 hour 45 mins and 59 secs. Save.

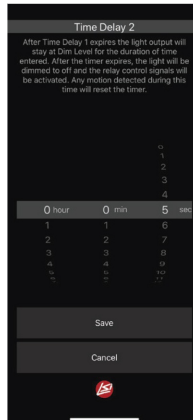


INTEGRAL BLUETOOTH MOTION AND PHOTOCELL SENSOR

User Guide

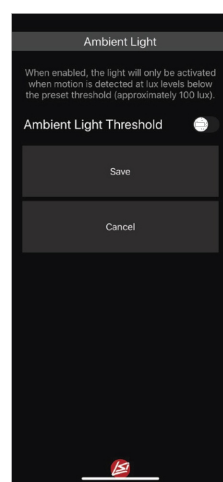
To Set Time Delay 2

Press Time Delay 2 button and enter the time in seconds, minutes or hours that must elapse after the lights go to the Dim Level and no motion is detected for the lights to then turn off. Max 8 hours 59 mins. 59 secs. Save. This feature may be disabled. If disabled, the lights will not turn off. They will stay on at the Dim Level. To disable set the time to 00.00.00.



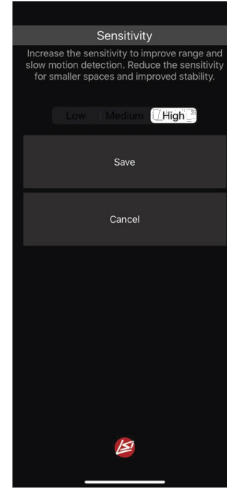
To Set Ambient Light

Press the Ambient Light button to either enable or disable the photocell. Slide button to the right to enable. Button background will turn red. Save. Photocell set for ON<30 LUX, OFF > 100 LUX.



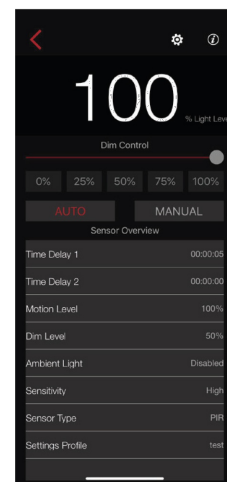
To Set Sensitivity

Press the Sensitivity button to select either low, medium or high for the response of the PIR detector to motion within the sensor's coverage area. Save.

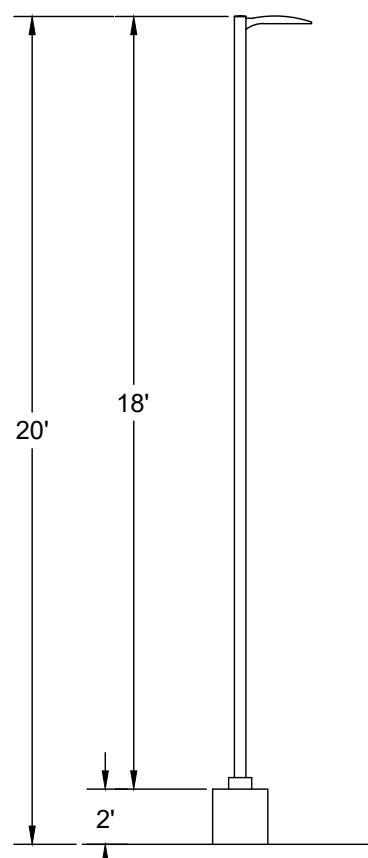


To Manually Control

Press the Manual control button and use either 0%, 25%, 50%, 75%, 100% buttons or use the Dim Control slider. Press Auto to put sensor back in Automatic mode before leaving this screen.



Continued >
11/29/19

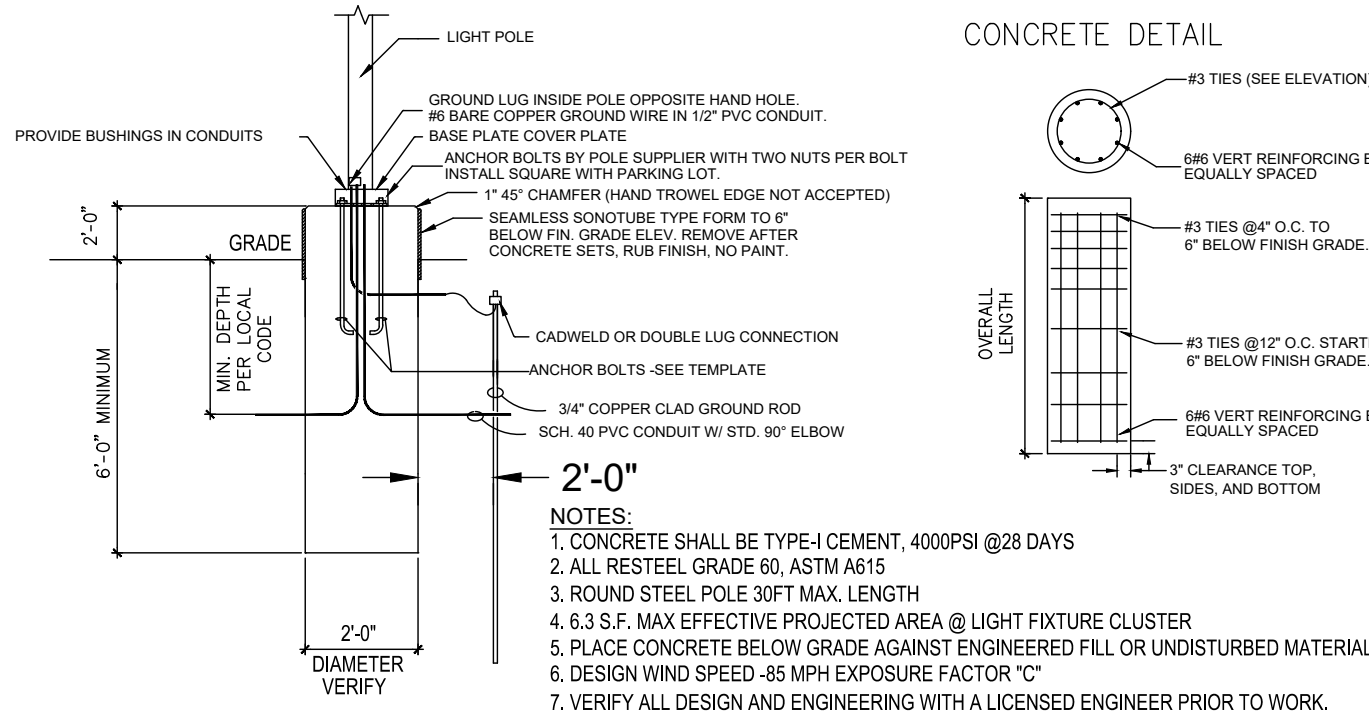


LIGHT POLE ELEVATION

SCALE: NTS

POLE BASE DETAIL: 18' POLES

NOT TO SCALE
VERIFY BASE STEEL AND CONCRETE REQUIREMENTS WITH THE PROJECT CIVIL AND STRUCTURAL ENGINEERS



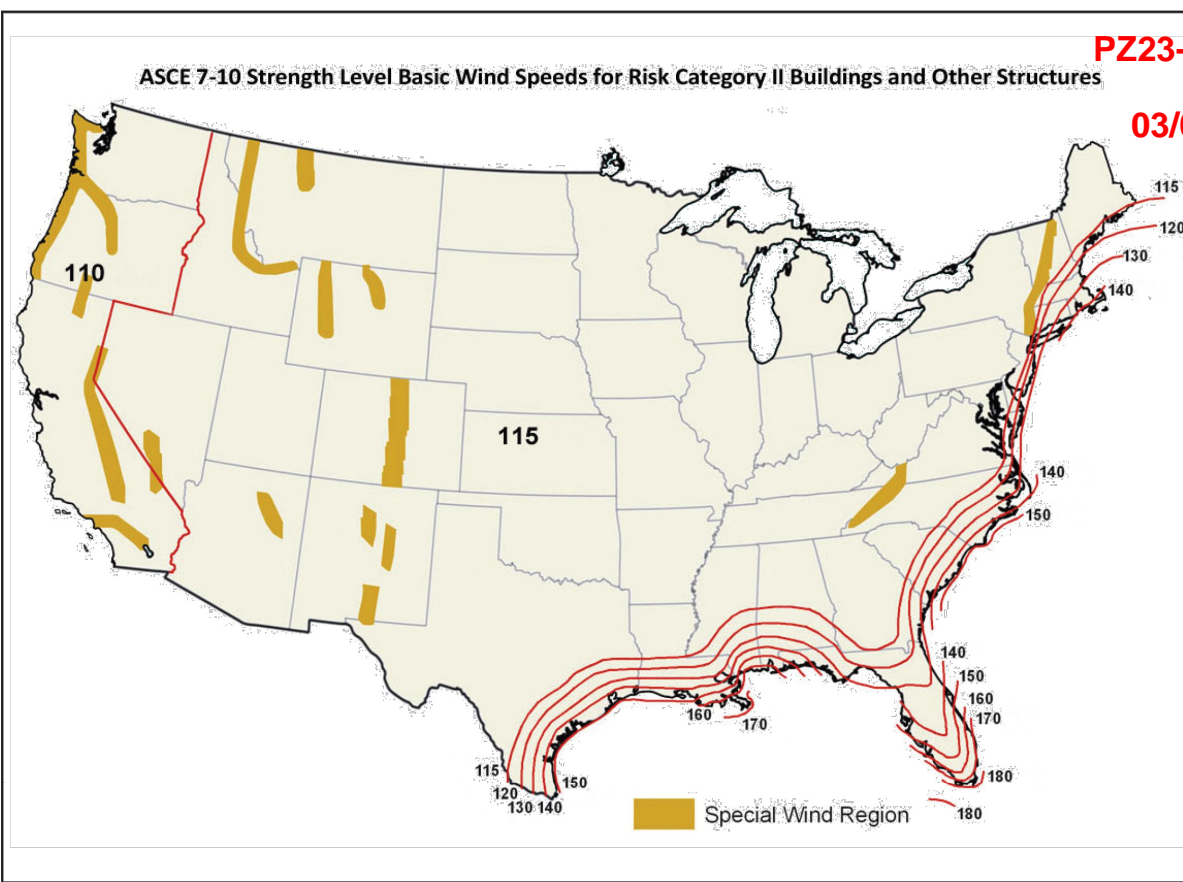
LIGHT POLE BASE DETAIL

SCALE: NTS

POLE BASICS | EPA EXPLANATION AND WIND SPEED MAP

DRC

WIND SPEED MAP FOR ASCE 7-10



PZ23-12000009

03/05/2025

Wind Speed Map and Pole EPAs are based on ANSI/ASCE 7-10. Please inform if your local code requirements differ, we can supply calculations to your code requirements.

- NOTES:
1. Values are the fastest-mile speeds at 33 ft. (10 m) above ground for exposure Category 2.
 2. Linear interpolation between wind speed contours is acceptable.
 3. When using this map to determine EPA readings, always use high end of range.
 4. Fixture and pole EPA values are based on wind pressures and forces specified in ANSI/ASCE 7-10.
 5. Local code may require wind speeds other than those shown on map.

All poles are guaranteed to meet the EPA requirements listed. Pole manufacturer is not responsible if a pole order has a lower EPA rating than the indicated wind-loading zone where the pole will be located. **CAUTION:** This guarantee does not apply if the pole/tracker/fixture combination is used to support any other items such as flags, pennants, or signs, which would add stress to the pole. CBMC, Inc. cannot accept responsibility for harm or damage caused in these situations.

For pole EPA information reference pole specification sheets.

Page 14/17 Rev. 05/24/23
SPEC. 3036-A.0023

WIND-SPEED MAP : POMPAÑO BEACH IS 170MPH

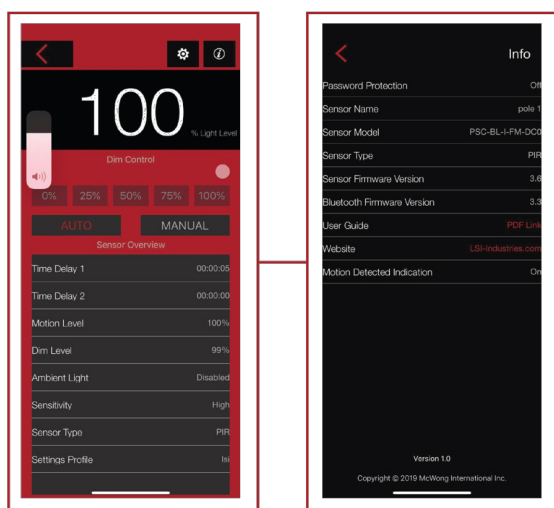
SCALE: NTS

INTEGRAL BLUETOOTH MOTION AND PHOTOCELL SENSOR

User Guide

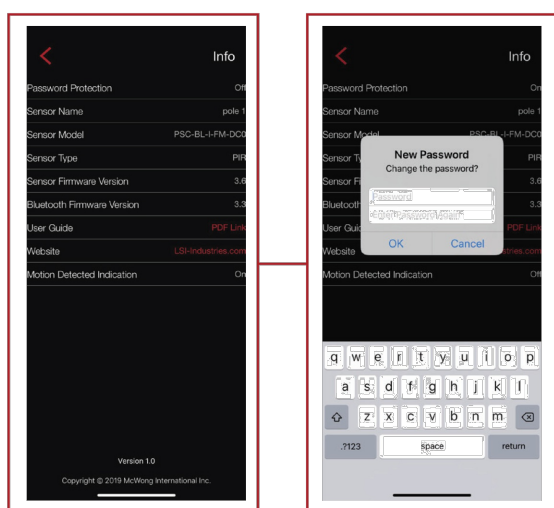
To Enable Motion Detected Indication

Screen will flash red when motion is detected. Motion detection can be disabled. Go to Information i symbol at top right and select motion detection indication and turn off.



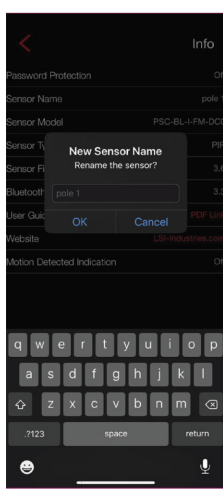
To Set Password

Go to Information i at the top right. Select Password protection and enter password. Press OK to save.



To Create/Change Sensor Name

Go to Information i at the top right of the home screen and select Sensor Name. Enter name and press OK.



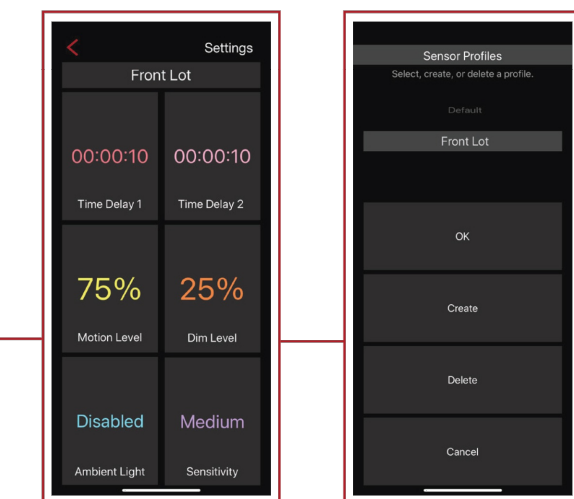
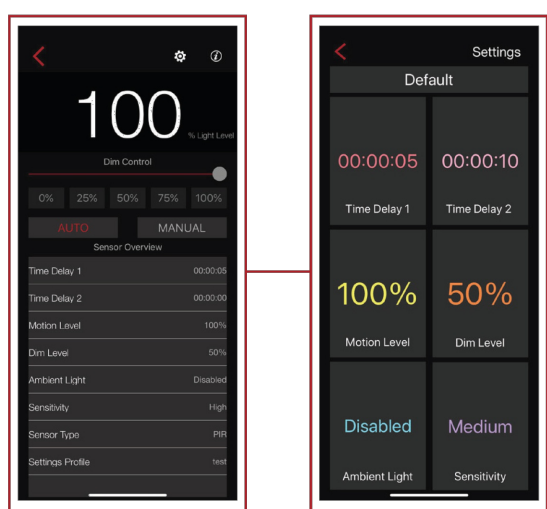
You can also access the User Guide and website from the Information i screen.

INTEGRAL BLUETOOTH MOTION AND PHOTOCELL SENSOR

User Guide

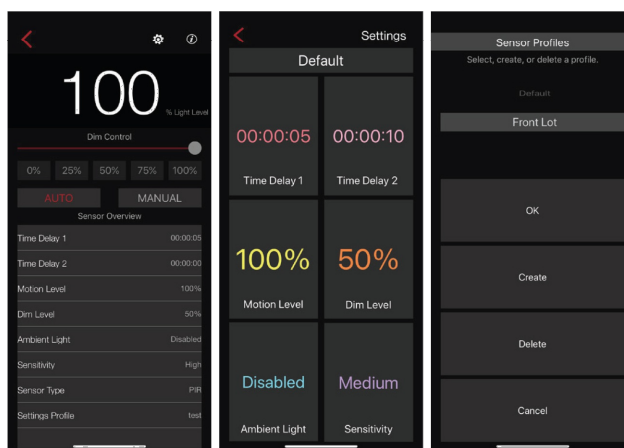
To Create a Sensor Profile

The first time you connect to a fixture. Go to the Settings i at top right of the page. Press any button to start to establish new parameters. You will be prompted to create a Profile name. Max 12 characters. Enter Name and OK. Press OK again. Now enter new parameters and save after each entry. Press new name at top of screen and press OK. New settings now saved for that fixture.



Connect to the Next Fixture

Go to the Settings i at top right of the page. Press default name at top of the screen. Now you can select the profile you just created and press OK to save it to the second fixture. Continue with all the fixtures that get those same parameters.



11/29/19

BLUETOOTH TWISTLOCK SENSOR PROGRAMMING

SCALE: NTS

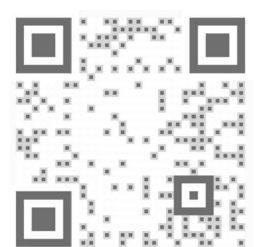
All electrical work shall comply with National, State, and Local codes including and not limited to the National Electric Code, NFPA 101 Life Safety Code, ASHREA and /or IECC Energy Codes.

The information contained in this document is proprietary to CBMC Lighting Solutions. This document is prepared for a specific site and incorporates calculations based on data available from the client at this time. By accepting and using this document, the recipient agrees to protect its contents from further dissemination, [other than that within the organization necessary to evaluate such specification] without the written permission of CBMC Lighting Solutions. The contents of this document are not to be reproduced or copied in whole or in part without the written permission of CBMC Lighting Solutions. copyright © 2025 CBMC Lighting Solutions all rights reserved.

CBMC • LIGHTING SOLUTIONS

5855 KOPETSKY DR. SUITE G. | INDIANAPOLIS, IN 46217
317-780-8350 | WWW.CBMCINC.COM

SEE MORE



This lighting pattern represents illumination levels calculated from laboratory data taken under controlled conditions in accordance with IESNA approved methods. Actual performance of any manufacturer's luminaire may vary due to variation in electrical voltage, tolerance in lamps and LED lumen package, location adjustments, and other variable field conditions.

Contractor to check and verify all dimensions on site before commencing any work shown.



1600 SOUTH DIXIE HWY., SUITE 400
BOCA RATON, FLORIDA 33432
PHONE 561-391-0081 FAX 561-391-0085
EMAIL mail@rwb-arch.com

FLORIDA INDOOR TENNIS
Lighting Controls & Details
POMPAÑO BEACH, FLORIDA

Scale:	NTS	Project No:	CR23408-SL-R5	Revision
Date:	1/14/25	Drawing No:		
Drawn By:	WP			
Checked By:	PM / JK			

SL3

5