



11		PIR Sensor		555-28027	3	
10		Ultrasonic Sensor		SN-HC-SR04 Sensor	4	
9		Speaker			2	
8		MP3 Modules			1	
7		Led Strips	12V 3A	Waterproof cuttable 300 SMD 2835 LED Tape	8	
6		12V 8 Channel Relay		8 channel 12V	2	
5		Arduino Microcontroller		Mega 2560 Rev 3	1	
4		Buck Converter		8A DC-DC Adjustable Step-Down Buck Converter	1	
3		12V Battery	12V 70Ah		1	
2		Charge Controller		40A-100A MPPT Solar Panel Regulator Charge Controller 12V/24V Auto Focus Tracking Device	1	
1		Solar PV	200W	SM200-72M	2	
ITEM	Vendor	DESCRIPTION	CAPACITY	MODEL/MAKE	QTY	REMARKS
EQUIPMENT LIST						

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I1	05/02/2021	ISSUED FOR INTERNAL CHECK					
REV.	DATE	DESCRIPTION			BY	CHECKED	APPROVED
OWNER:					Team:		
		NGEE ANN POLYTECHNIC			Waterways watch Society		
					CP - 07		
TITLE:							
Overall Circuit Diagram							
PROJECT: Final Year Project					SHEET NO.:		1 OF 1
DRAWING NO.: I1					SIZE: A3		REVISION: O1