



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	Hammond 1591-E	7.5" x 4.3" Enclosure Bottom, Black, Modified	1
2	Hammond 1591-E	7.5" x 4.3" Enclosure Lid, Black, Modified	1
3	Hammond 1591-D	5.9" x 3.2" Enclosure Bottom, Black, Modified	1
4	MPU 6050 IMU	6 DOF Gyro, Accelerometer	1
5	Arduino Mega 2560	Arduino Mega 2560	1
6	Motor Shield V2.3	Adafruit Motor Shield	2
8	Soyo SY42STH38-0406A	12 V, 0.4 A, Unipolar Stepper Motor	4
9	Pololu 80mm Wheel	80mm diameter wheel, rubber tires	4
10	Pololu 60mm Wheel	60mm diameter wheel, rubber tires	4
11	Pololu Shaft Hub	Hub for 5mm shaft diameter	4
12	Battery Holder	Battery Holder (custom)	1
13	Robotshop RB-Sta-12	12V 1600mAh NiMH Battery	1
14	McMaster-Carr 91290A125	M3x25mm Socket-Head Screw	8
15	McMaster-Carr 93475A210	3mm Flat Washer	16
16	McMaster-Carr 90116A151	M3x6mm Pan-Head Screw	30
17	McMaster-Carr 92497A200	M3 Hex Nut	6
18	McMaster-Carr 90591A265	M2 Hex Nut	16
19	McMaster-Carr 90116A155	M3x10mm Pan-Head Screw	4
20	Keystone 24423	M2x10mm F/F Spacer, Hex	4
21	McMaster-Carr 90116A015	M2x8mm Pan-Head Screw	16

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:				FINISH:		DEBUR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING		REVISION	0
							HUBRIS			
	NAME	SIGNATURE	DATE				TITLE: Downfall Assembly Drawing			
DRAWN	Jeremiah		02/29/16							
CHK'D	Anthony		02/29/16							
APPV'D	Jasdeep		02/29/16							
MFG							DWG NO. Downfall			
Q.A										
							SCALE: NOT TO SCALE			
						WEIGHT:	SHEET 1 OF 1			