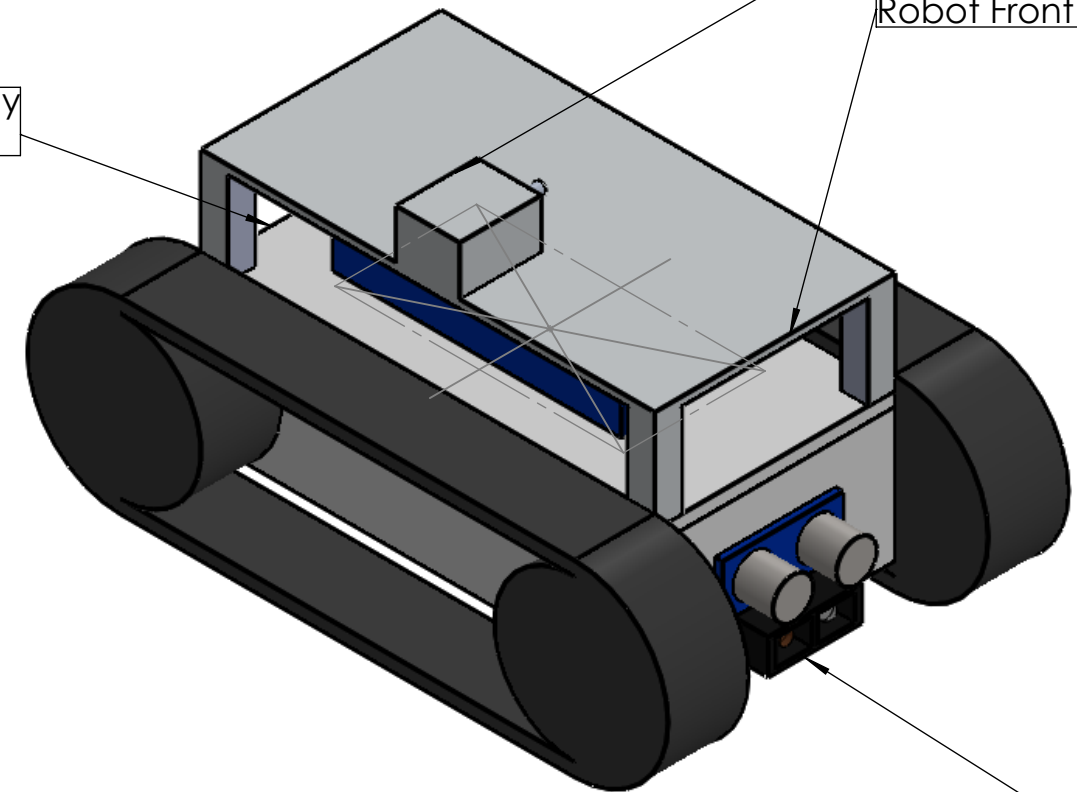


Popcorn hopper attaches here, motor actuates bucket tilt

Robot Front Face

6 x AA power supply within chassis



Electric Motor

3.0 mm Perspex Sheet

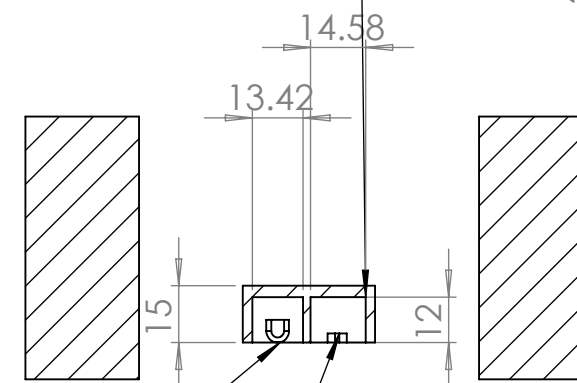
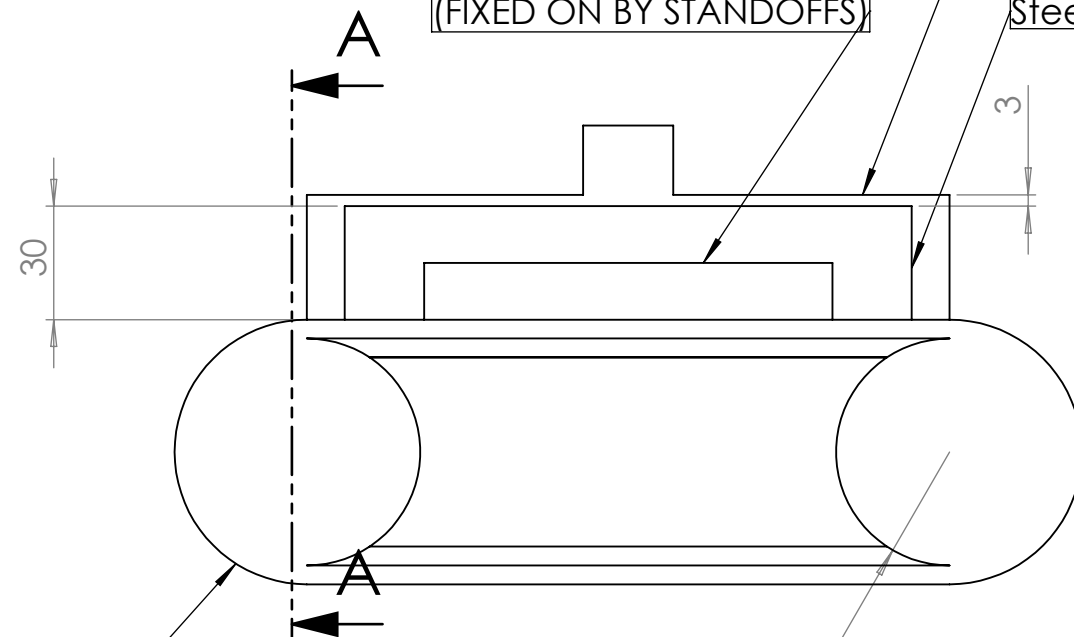
ARDUINO MEGA
(FIXED ON BY STANDOFFS)

Steel Round Tube

Bottom facing colour sensor
for line following

Forward facing colour/distance sensors
for object detection

SECTION A-A



5 mm LDR

HC-SR04 SUPERSONIC

5 mm RGB LED

DAGU ROVER 5 Wheeled Robot Chassis

5 mm RGB LED

5mm LDR

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:				FINISH:		DEBUR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING		REVISION		
	NAME		SIGNATURE		DATE				TITLE:			
DRAWN												
CHK'D												
APPV'D												
MFG												
Q.A					MATERIAL:			DWG NO.		initial		A3
					WEIGHT:			SCALE: 1:2		SHEET 1 OF 1		