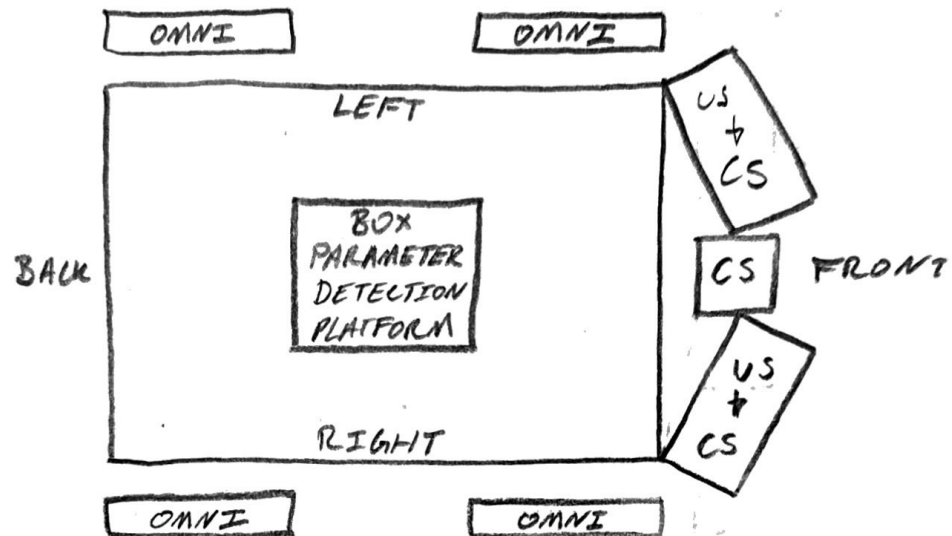


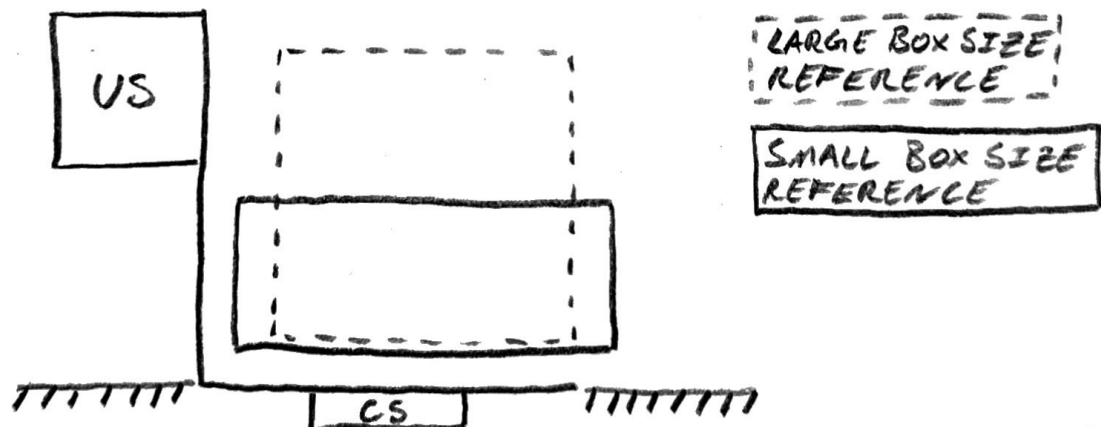
DESIGN 2

TOP VIEW



- OMNI WHEELS (2 DEGREES OF FREEDOM)
- 2 ANGLED DUAL SENSOR MOUNTS (COLOR + ULTRASONIC)
 - ADDITIONAL CENTER COLOR SENSOR
- EXTERNAL BOX DETECTION (SANS-GRIPPER)

RIGHT-SIDE VIEW OF THE DETECTION PLATFORM



- SHADED COLOR SENSOR
 - DETECTS BOX COLOR
- ELEVATED ULTRASONIC SENSOR
 - DETECTS BOX SIZE