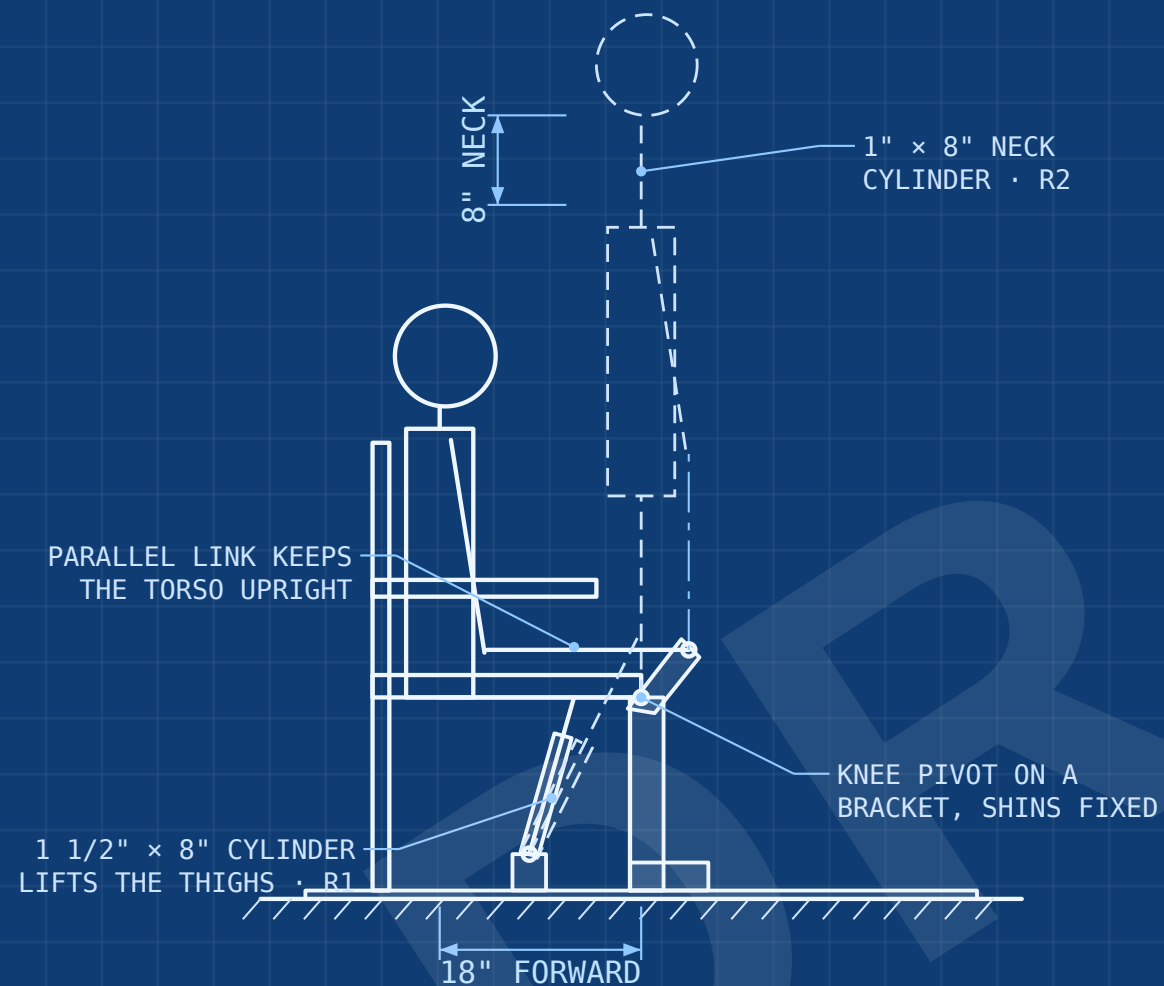


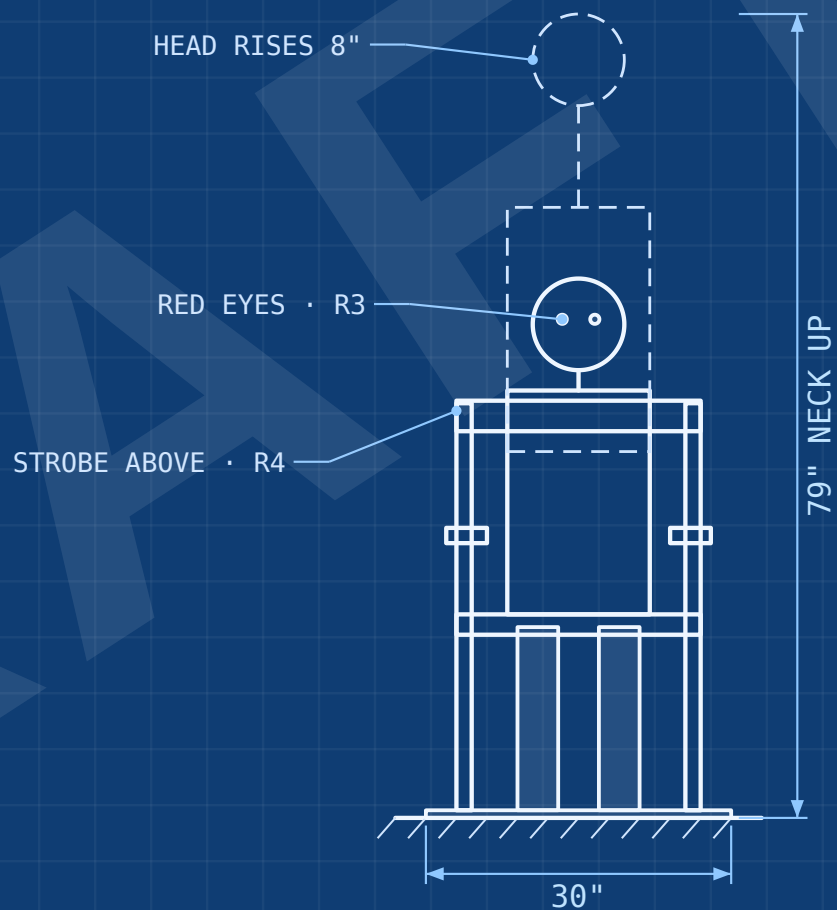
SIDE SECTION

GUESTS ON THE RIGHT · STANDING DASHED

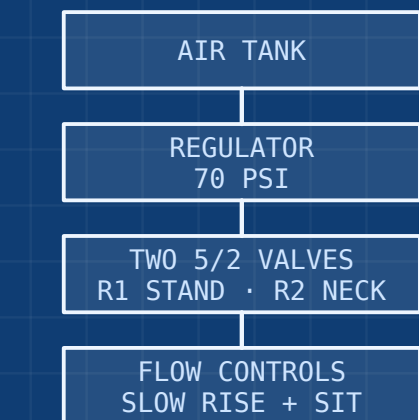


FRONT ELEVATION

SEATED SOLID · STANDING + NECK UP DASHED



AIR SCHEMATIC



BOTH CYLINDERS RETRACT WHEN THE VALVES TURN OFF.

NOTES

1. Inches. Seat 18" up. Head 53" seated, 71" standing, 79" with the neck up. Bolt the chair down.
2. Thighs pivot on the knee bracket. A link from 6" up and forward keeps the torso upright.
3. The stand cylinder runs from under the seat to the thighs 6" from the knee. Figure under 20 lb.
4. The figure comes 18" forward. Keep guests behind a rope 4 ft from the chair.
5. Bleed the air before working on it. Slow the return so it sits down gently.

CUT LIST & HARDWARE

QTY	PART	SIZE / SPEC
1	Base, 3/4" ply	48 x 36
1	Armchair	seat cut open
2	Thighs, 1/2" ply	18", knee pivot
2	Links + brackets	6" at 45°, parallel
1	Torso frame	2x2 + 1/2" ply, 24"
1	Stand cylinder	1 1/2" x 8" · R1
1	Neck cylinder	1" x 8" · R2
2	5/2 valves + flow	12V · R1, R2
1	Figure	foam head, clothes

PROP CONTROL · DIY PROJECT 18

RISING STRANGER

Air stand-up · rising neck

SCALE
NOT TO SCALE
REV
A

UNITS
INCHES
DATE
2026-10-13

SHEET
1 OF 1
DRAWN
PROP CONTROL