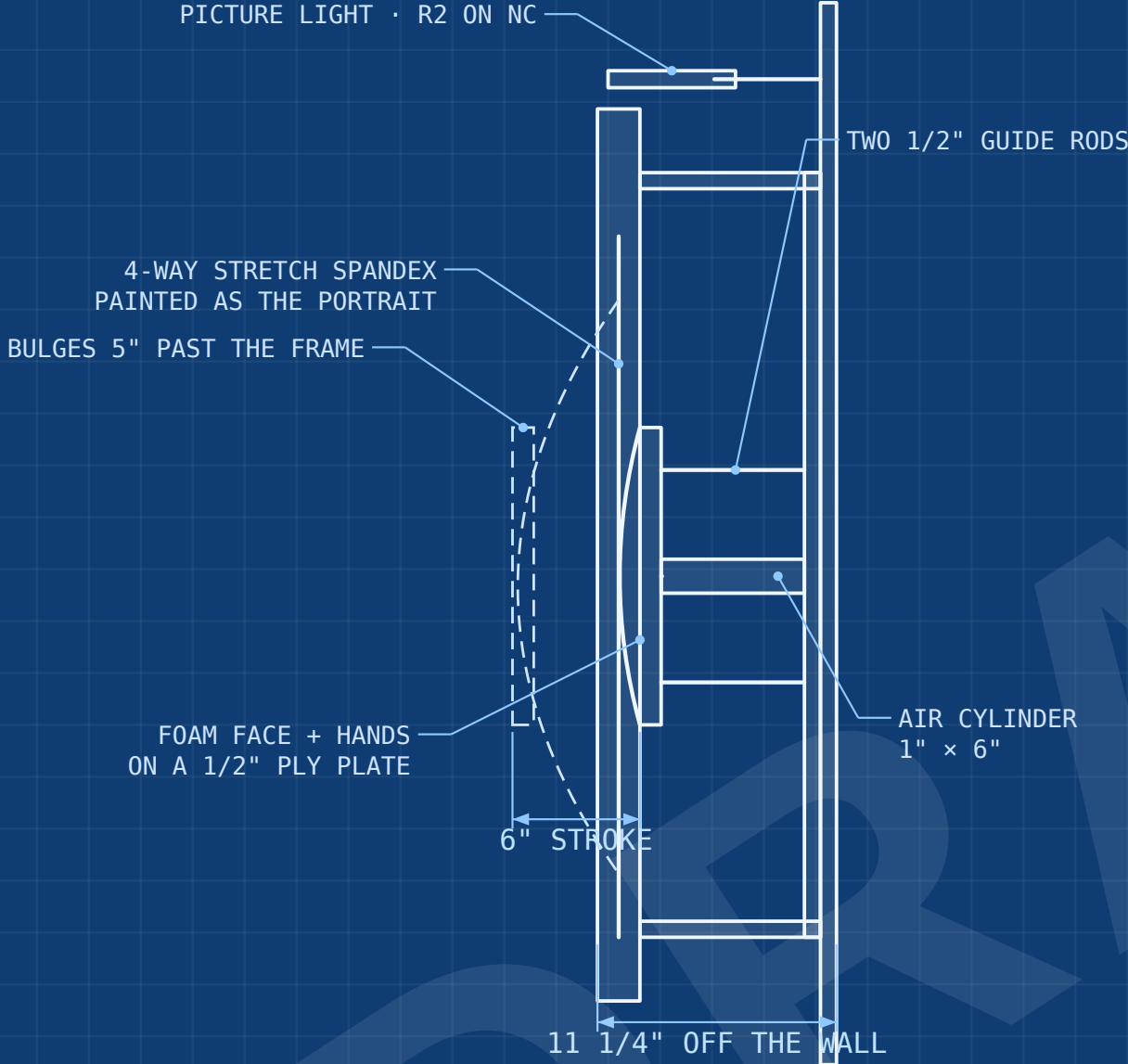


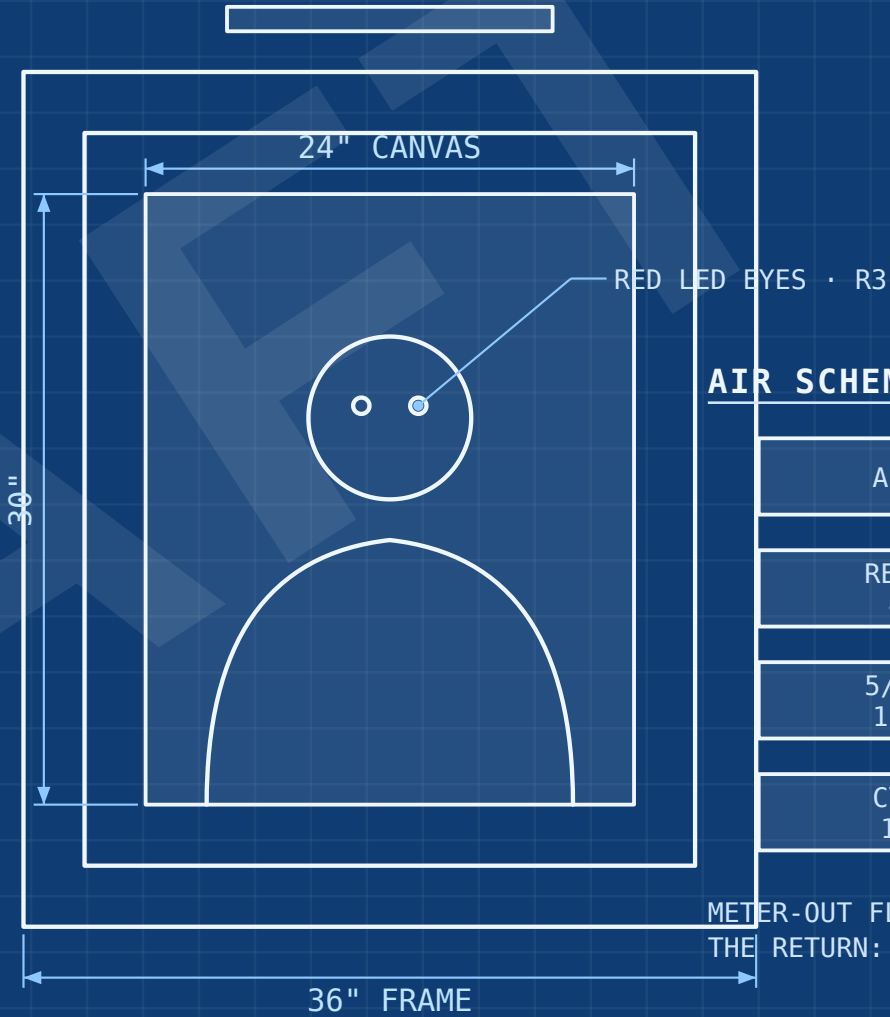
SIDE SECTION

GUESTS ON THE LEFT · LUNGE DASHED
PICTURE LIGHT · R2 ON NC

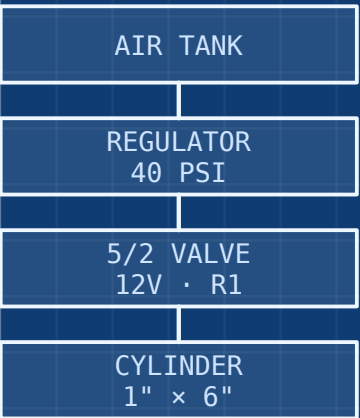


FRONT ELEVATION

GUEST VIEW



AIR SCHEMATIC



NOTES

1. Inches. Hang the box so the face center is about 64" off the floor, above a hall table.
2. At rest the face sits 1" behind the spandex. Full stroke pushes it 5" past the frame.
3. The guide rods stop the plate from turning. The spandex limits the bulge.
4. Run at 40 psi with a soft foam face. It should bump, not punch.
5. Picture light on R2's NC terminal: on at rest, off during the lunge.

CUT LIST & HARDWARE

QTY	PART	SIZE / SPEC
1	Frame, ornate	24 x 30 opening
1	Spandex, 4-way stretch	30 x 36, painted
1	Shadow box, 3/4" ply	8" deep
1	Air cylinder	1" bore x 6" stroke
2	Guide rods + bushings	1/2" x 8"
1	Face + hands plate	1/2" ply, foam face
1	5/2 valve + flow ctrl	12V · R1
1	Picture light	12V LED · R2 NC
1	Red LED eyes	12V · R3

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LUNGING
PORTRAIT

Air cylinder behind spandex

SCALE	UNITS	SHEET
NOT TO SCALE	INCHES	1 OF 1
REV	DATE	DRAWN
A	2026-10-13	PROP CONTROL