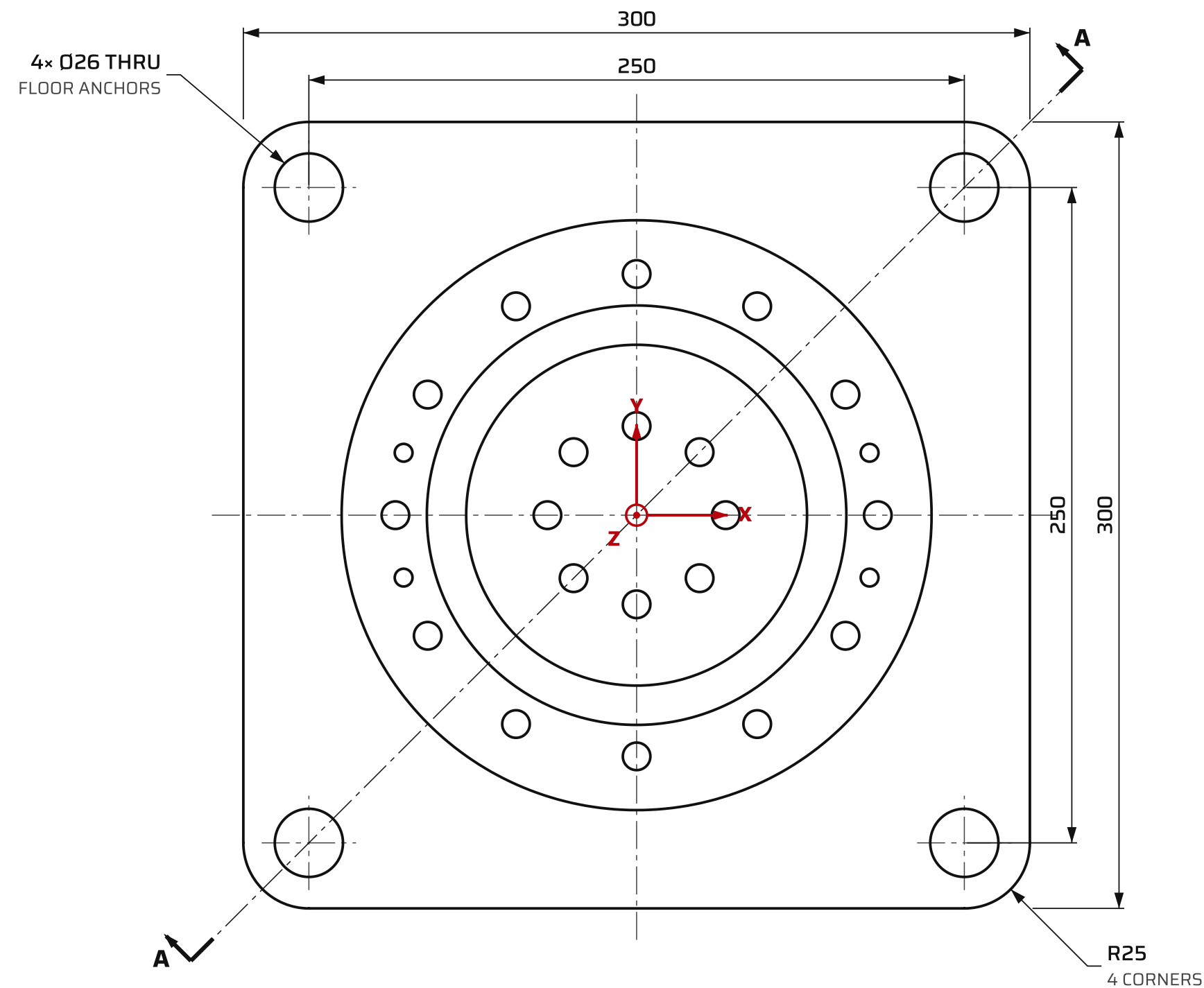


PLAN — FROM ABOVE



KEY DIMENSIONS

Footprint	300 × 300, R25
Plate thickness at anchors	28.4
Anchor holes	4 × Ø26 THRU
Anchor pattern	250 × 250 square
Mounting face	Z = 0, flat
STEP	rosie-1400-base.step

NOTES

- Anchor the robot through the 4 × Ø26 through holes on a 250 × 250 mm pattern. Clamp length 28.4 mm. Ø26 is the ISO 273 medium clearance for M24; confirm anchor size and torque with AMR.
- The underside is flat, with no spigot or dowel holes. Mount on a flat, rigid surface; confirm the locating method with AMR for repeatable re-mounting.
- Holes and recesses inside the anchor pattern take the robot's own fasteners and are not part of the mounting interface.
- Frame shown in red is the STEP file frame: origin at the underside centre on the J1 axis, Z up.

ADVANCED METAL RESEARCH

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ROSIE 1400 — ROBOT BASE

Floor / pedestal mounting interface

PART 1-01-02-base-plate (base plate)				UNITS MILLIMETRES	
SCALE 1:2	SIZE A3	SHEET 1 OF 1	DATE 2026-09-30		PROJECTION 
SOURCE rosie-1430-clean.step, measured with Open CASCADE					
FILE rosie-1400-base.step					

FOR REFERENCE ONLY. CONFIRM WITH AMR BEFORE MACHINING.

Nominal dimensions measured from the CAD model. No tolerances or fits are given.
Do not scale. Threads and fits: see the Rosie 1400 mechanical interfaces docs.
generalcontact@advancedmetalresearch.com