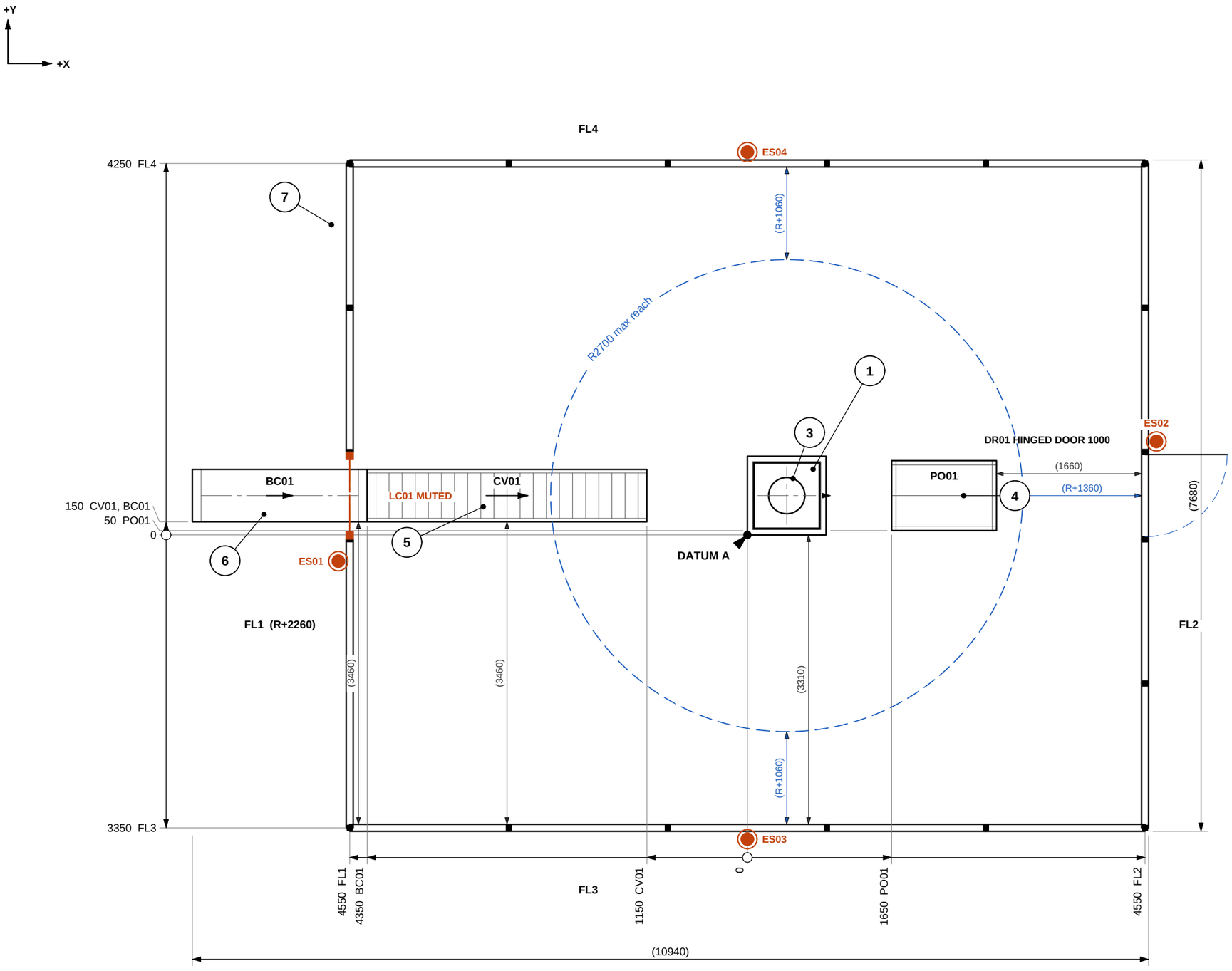


SETTING OUT (mm from DATUM A, to the corner dimensioned)

ITEM	TAG	X	Y	SIZE	ROT	REACH
1	RB01	0	0	900x900	0	-
4	PO01	1650	50	1200x800	0	In reach
5	CV01	-1150	150	3200x600	0	Partly
6	BC01	-4350	150	2000x600	0	Feeds CV01
7	FN01	-4510	2600	1650x80	270	Outside
7	FN02	-4510	950	1650x80	270	Outside
7	FN03	-4510	-50	1650x80	270	Outside
7	FN04	-4510	-1700	1650x80	270	Outside
7	FN05	-2730	4210	1820x80	0	Outside
7	FN06	-910	4210	1820x80	0	Outside
7	FN07	-910	4210	1820x80	0	Outside
7	FN08	910	4210	1820x80	0	Outside
7	FN09	2730	4210	1820x80	0	Outside
7	FN10	-2730	-3310	1820x80	0	Outside
7	FN11	-910	-3310	1820x80	0	Outside
7	FN12	910	-3310	1820x80	0	Outside
7	FN13	910	-3310	1820x80	0	Outside
7	FN14	2730	-3310	1820x80	0	Outside
7	FN15	4510	2600	1650x80	270	Outside
7	FN16	4510	950	1650x80	270	Outside
7	FN17	4510	-50	1650x80	270	Outside
7	FN18	4510	-1700	1650x80	270	Outside
7	DR01	4510	-50	1000x80	270	Outside

NOTES

1. All dimensions mm. DATUM A = -X/-Y corner of the robot base (pedestal if fitted). +X robot forward.
2. X and Y set out from DATUM A to a corner of each component: the nearest whose dimension lines run clear of other equipment (running dims, origin 0).
3. Reach circle = datasheet max reach to wrist centre. Tool, payload and A1 limits not included.
4. Balloons = item numbers in parts_list.xlsx. Tags (CV01, PO01...) = device tags in io_list.xlsx.
5. LC = light curtain, ES = e-stop (io_list.xlsx). Safety distances: safety_requirements.xlsx.

0 1000 2000 mm

SCALE 1:50 AT A3

PATH2 Robotics path2.io

CELL
Path2 sample cell

ROBOT
KUKA KR 210 R2700 extra

DATE	SCALE	SHEET
26 Nov 2026	**1:50 @ A3**	**1 of 1**

DRAWING
Concept layout, plan view. Palletising.

CONCEPT LAYOUT – NOT FOR CONSTRUCTION