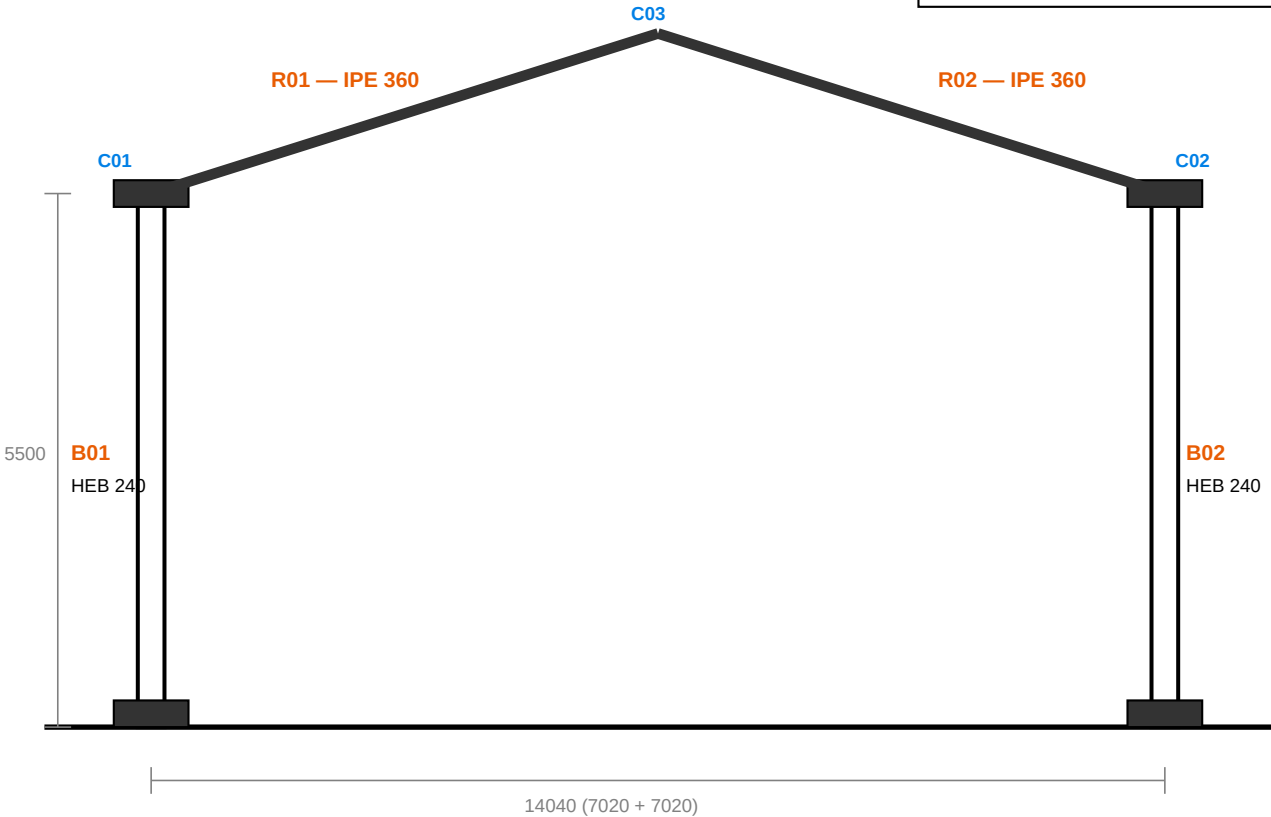


STRUCTURAL STEEL DRAWING

Single-Bay Portal Frame — Demo Structure

PROJECT:	FrameAI Demo
DRAWING NO:	FRM-001
REVISION:	A
SCALE:	1:50
DATE:	June 2026



MEMBER SCHEDULE

MARK	PROFILE	LENGTH (mm)	QTY
B01	HEB 240	5500	1
B02	HEB 240	5500	1
R01	IPE 360	7020	1
R02	IPE 360	7020	1
RC01	RC 250×500	4200	1

CONNECTION SCHEDULE

MATER	MARK	BOLTS	PLATE	LOCATION
S355	C01	4×M20 gr8.8	t10 S275	Col/Rafter L
S355	C02	4×M20 gr8.8	t10 S275	Col/Rafter R
S355	C03	2×M20 gr8.8	t8 S275	Ridge
C30/37				

WELD SCHEDULE

W01/W02: 6mm fillet, baseplate, S275, 150mm run
W03: 8mm fillet, end-plate haunch, S355, 300mm run