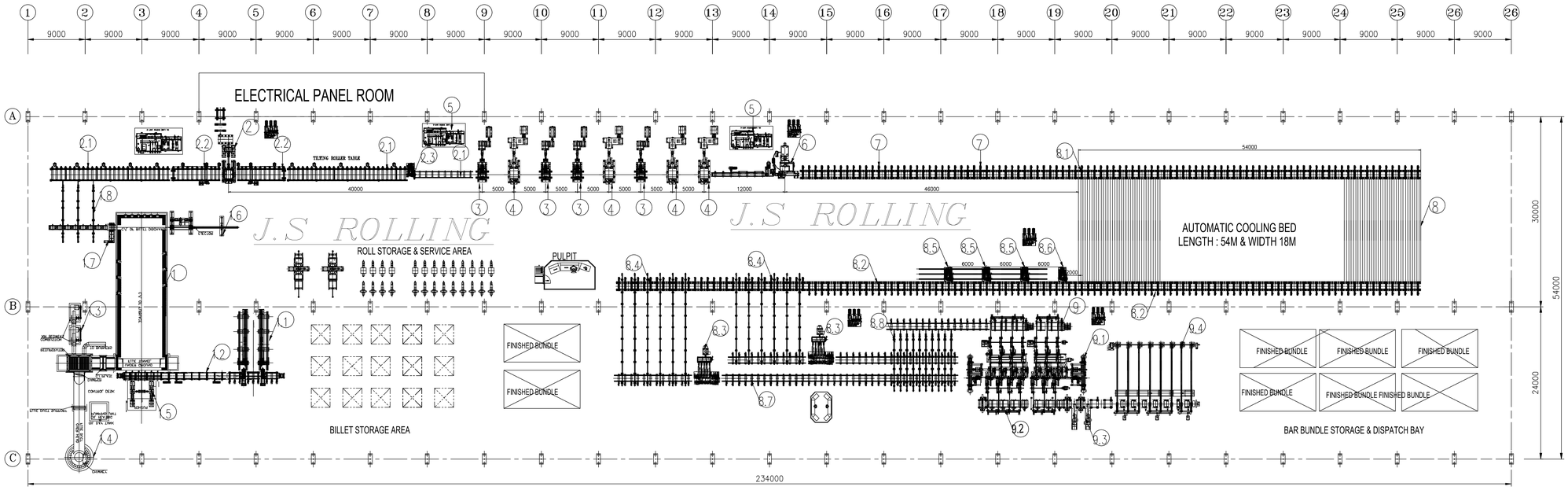

PRODUCT RANGE:
ANGLE: 100 MM TO 200 MM
UNIVERSAL COLUMN: 150 MM TO 300 MM
UNIVERSAL BEAM: 200 MM TO 600 MM

NO NAME OF EQUIPMENT	NO NAME OF EQUIPMENT	NO NAME OF EQUIPMENT	NO NAME OF EQUIPMENT	NO NAME OF EQUIPMENT
1 50TPH REHEATING FURNACE	2 ROUGHING MILL 660MM 3HI	3 620/720 HOUSINGLESS MILL STAND	8 AUTOMATIC COOLING BED	9 HANDLING & PACKING LINE
1.1 CHARGING GRID	2.1 ROLLER TABLE / CONVEYOR	4 820MM UNIVERSAL HOUSINGLESS MILL STAND	8.1 RUN IN ROLLER TABLE	9.1 STACKER SYSTEM
1.2 CHARGING ROLLER TABLE	2.2 LIFTING TABLE	5 LUBRICATION SYSTEM	8.2 RUN OUT ROLLER TABLE	9.2 TRANSFER ROLLER TABLE
1.3 BLOWER & RECUPERATOR UNIT	2.3 CIRCULAR SAW (HOT END)	6 DIVIDING 4 CRANK TYPE WITH PINCH ROLL	8.3 ONLINE STRAIGHTENER MACHINE	9.3 TYING MACHINE
1.4 CHIMNEY		7 ROLLER WAY / ACCERRATED INDIVUAL DRIVEN	8.4 TRANSFER BED 1 & 2	9.4 FINISH TRANSFER BED
1.5 HYDRAULIC PUSHER			8.5 COLD SAW MACHINE (FIXED TYPE)	
1.6 BILLET EJECTOR (MECHANICAL)			8.6 COLD SAW MACHINE (MOVABLE TYPE)	
1.7 PULL OUT PINCH ROLL			8.7 ROLLER TABLE	
1.8 DISCHARGE TABLE & TRANSFER.			8.8 CHAIN TRANSFER FOR STACKER ENTRY	

PROPOSED LAYOUT PLAN FOR HEAVY SECTION ROLLING MILL

All Dimension are in MM unless specified

MACHINIST'S NOTE

All sharp edges to be chamfered 1mm and shaft fillets to be 1mm radius including undercuts unless otherwise stated.

Note:- This drawing is the property of J. S. ROLLING MILL INDUSTRIES and as such it should not be use in any way whatsoever with out their permission in writing; It is returnable on completion of the order of which it has been issued.

Roughness Value 'Ra' m I S : 3073 – 1967	<0.025 ▼▼▼▼	0.025 to 1.6 ▼▼▼	1.6 to 8 ▼▼	8 to 25 ▼	25 to 50 ~
Type of Finish	Ground	Fine Machined	Smooth Machined	Rough Machined	Smooth Cast /Forged /Hand Ground

J. S. ROLLING MILL INDUSTRIES

TITLE - PROPOSED LAYOUT PLAN FOR ROLLING MILL
CAPACITY - 400,000 TPA

DESIGN	J.S	DATE : 29-05-2025
DRAWN	SUKHWINDER	
CHECK		SCALE : S.T.F
APPRD.		

CLIENT :- LAYOUT FOR HEAVY SECTION MILL.

DRG.No:	REV.-	SHEET :
J.S.R.M.I/1632	0	1 OF 1