

TELEPHONE NUMBERS:
DURBAN 323626 (W)
843995 (H)

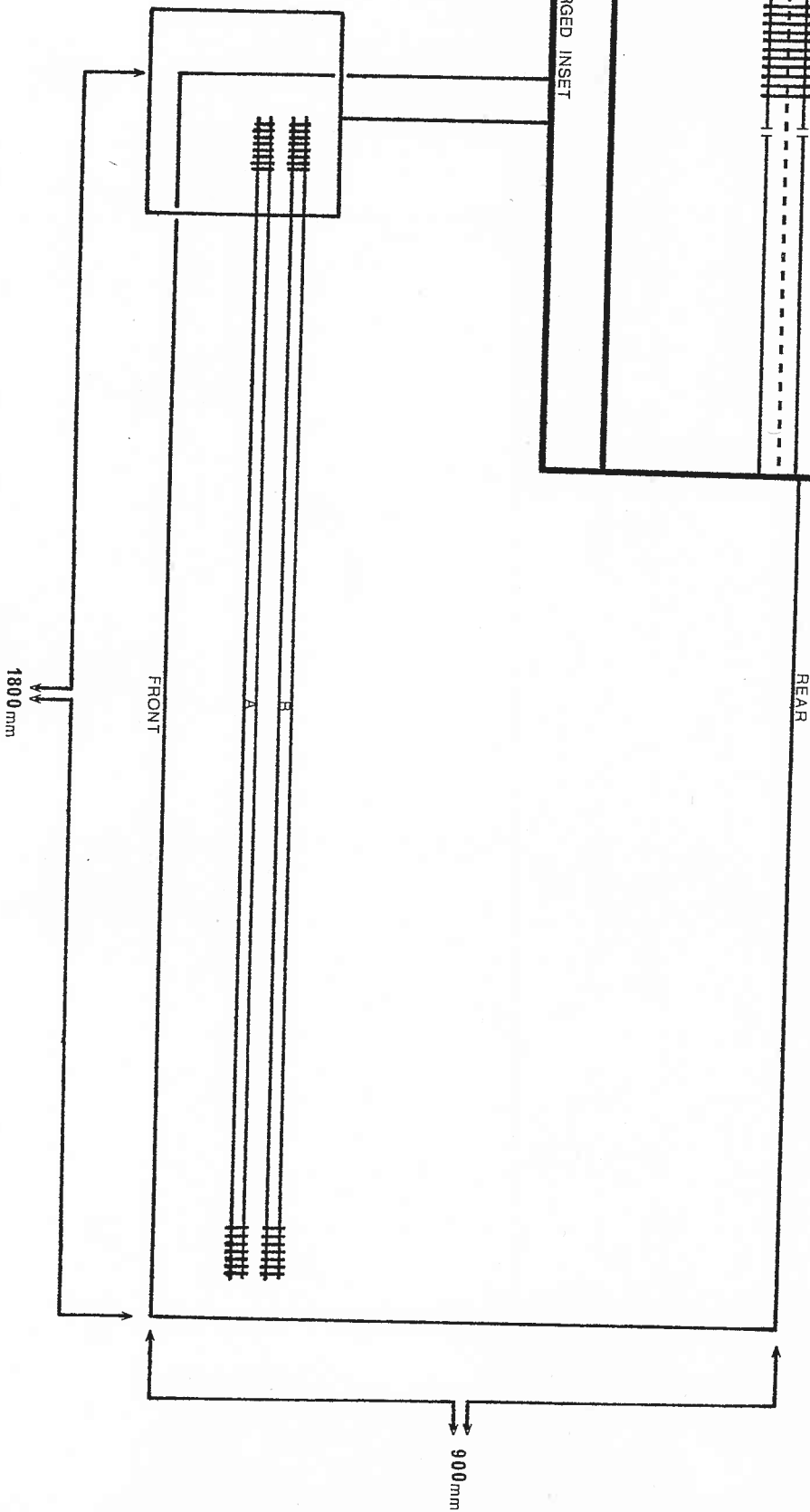
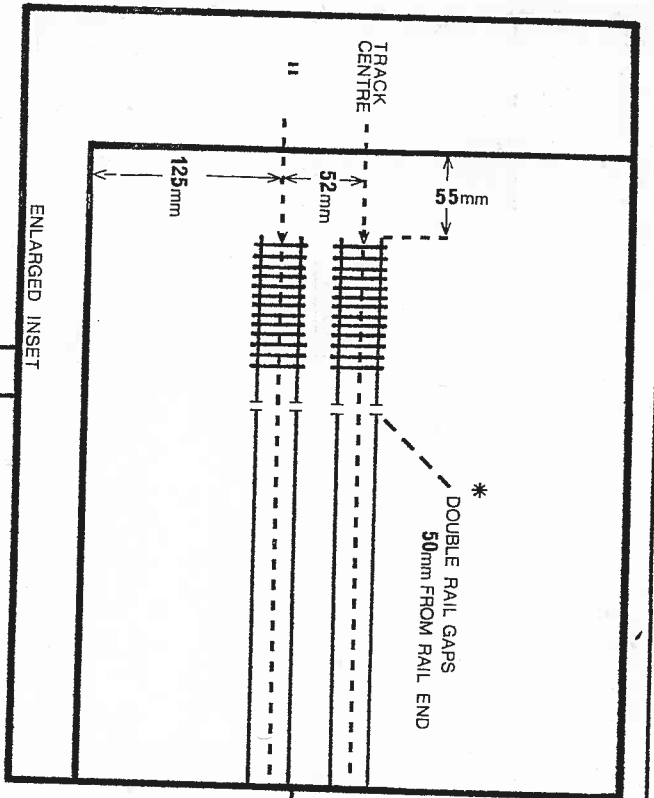
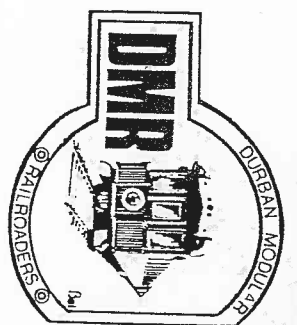


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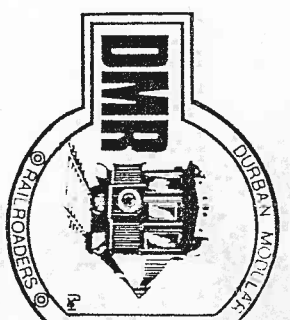
DURBAN MODULAR RAILROADERS

GENERAL GUIDELINES

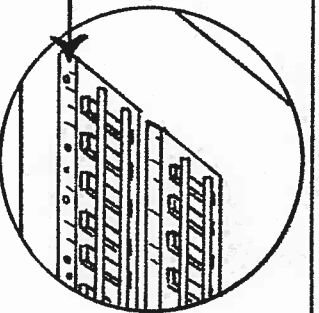
1. The main objects of Durban Modular Railroaders are to stimulate interest in the construction and operating of model railroads, to improve the knowledge and skills of railroad modellers and to raise standards within the hobby.
 2. The group operates on an informal basis with decisions normally being taken by consensus.
 3. The procedure for dealing with new members is an exception to the general guideline in 2. Any individual is eligible to join the group. However, membership is only granted following a secret ballot during which the aspirant obtains a majority of votes in favour of his admittance.
 4. Membership entails the ownership of a module, adherence to the prescribed specifications (copies attached hereto) to the satisfaction of the remaining members and reasonable attendance at planning and operating sessions.
-



PLAN.



CORK ROADBED (3mm)



900mm

BASEBOARD No.2 (Insulation board)

BASEBOARD No.1 (Chipboard)

100mm

SUPPORT FRAME

* 1800 mm

RAILTOP

* 1800 x 900 SPECS SHOWN HERE ARE FOR STANDARD HARDTOP MODULE. HOWEVER, OTHER SPECS ARE ACCEPTABLE, BEING:-

• 2 HALF MODULES EACH 900 X 900
• OPEN GRID CONSTRUCTION

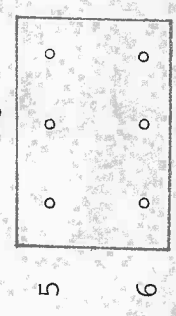
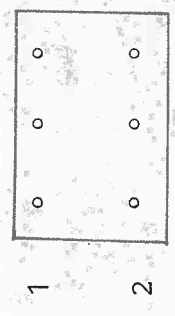
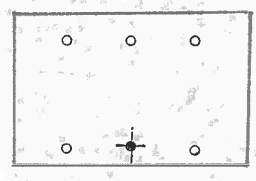
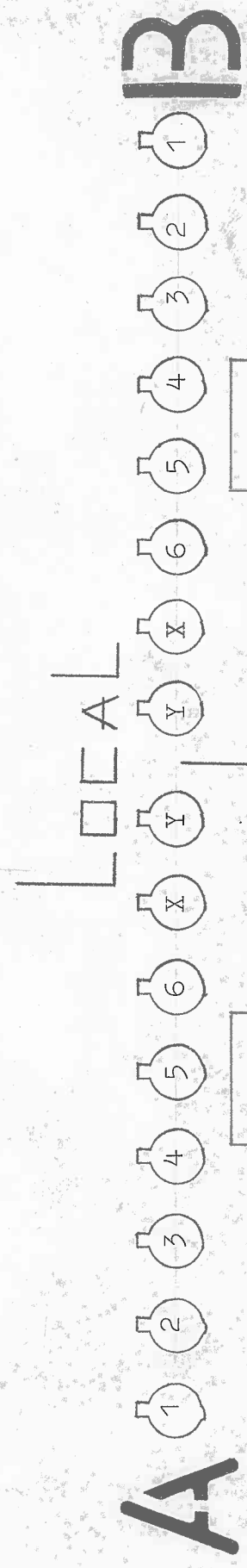
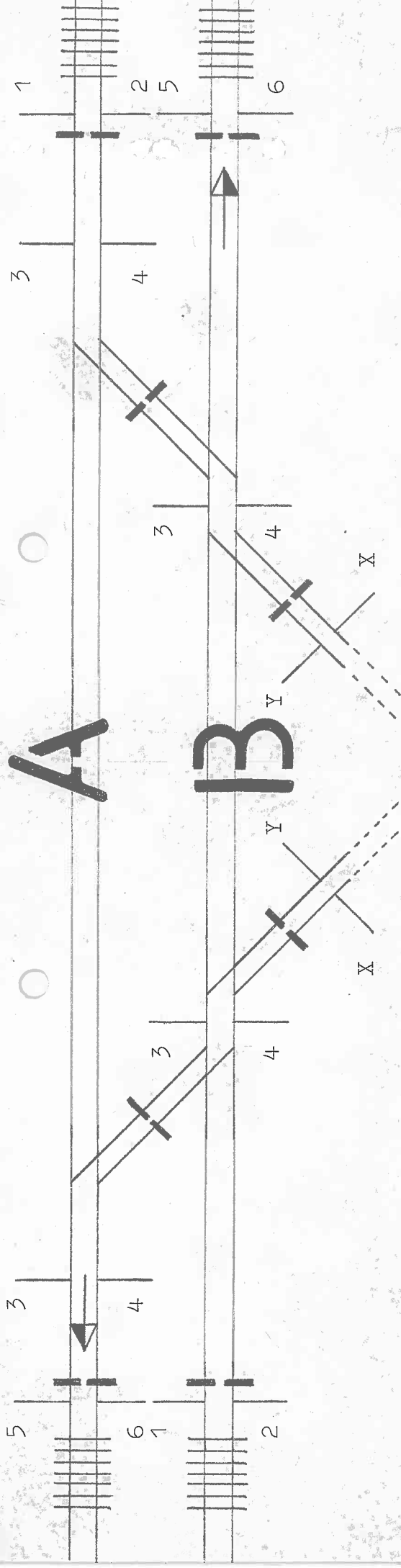
1100mm

setscrew set into

rubber doorstop

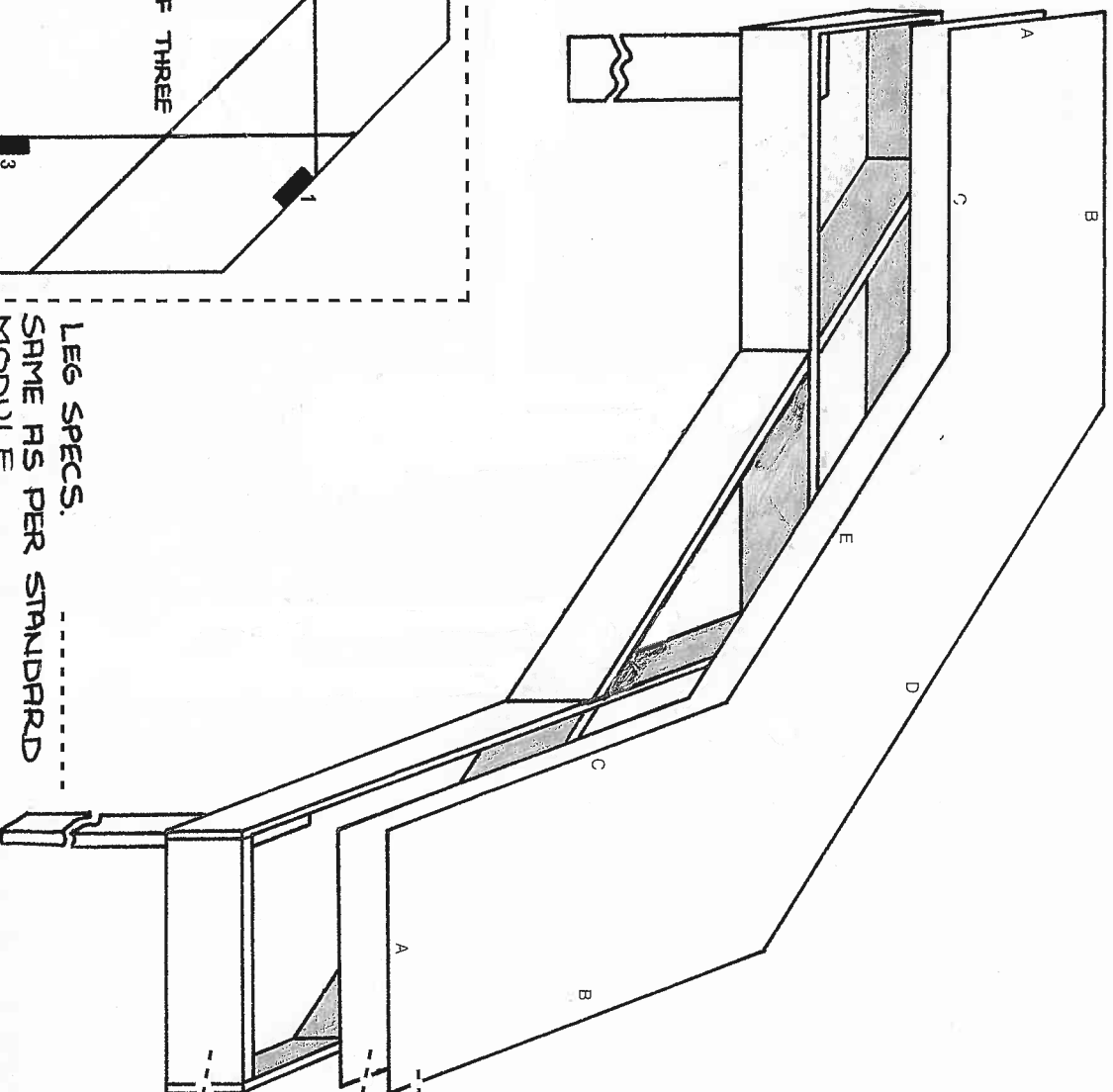
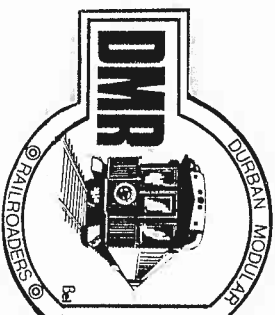
+ 75 mm adjustment
FLOOR

MODULE STANDARDS.



Corner Module in Perspective.

NB. REFER TO CORNER MODULE "PLAN" FOR BUILDING SPECS.

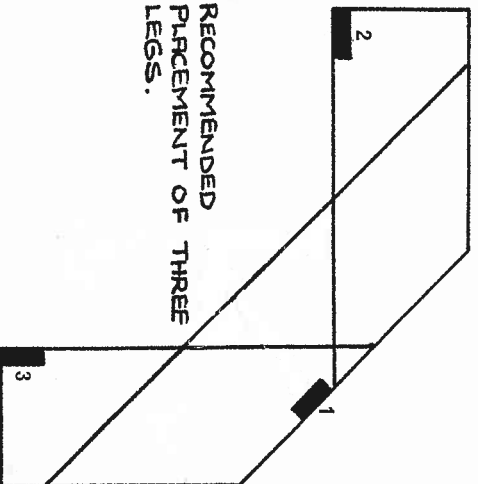


INSULATION BOARD.

CHIP BOARD.

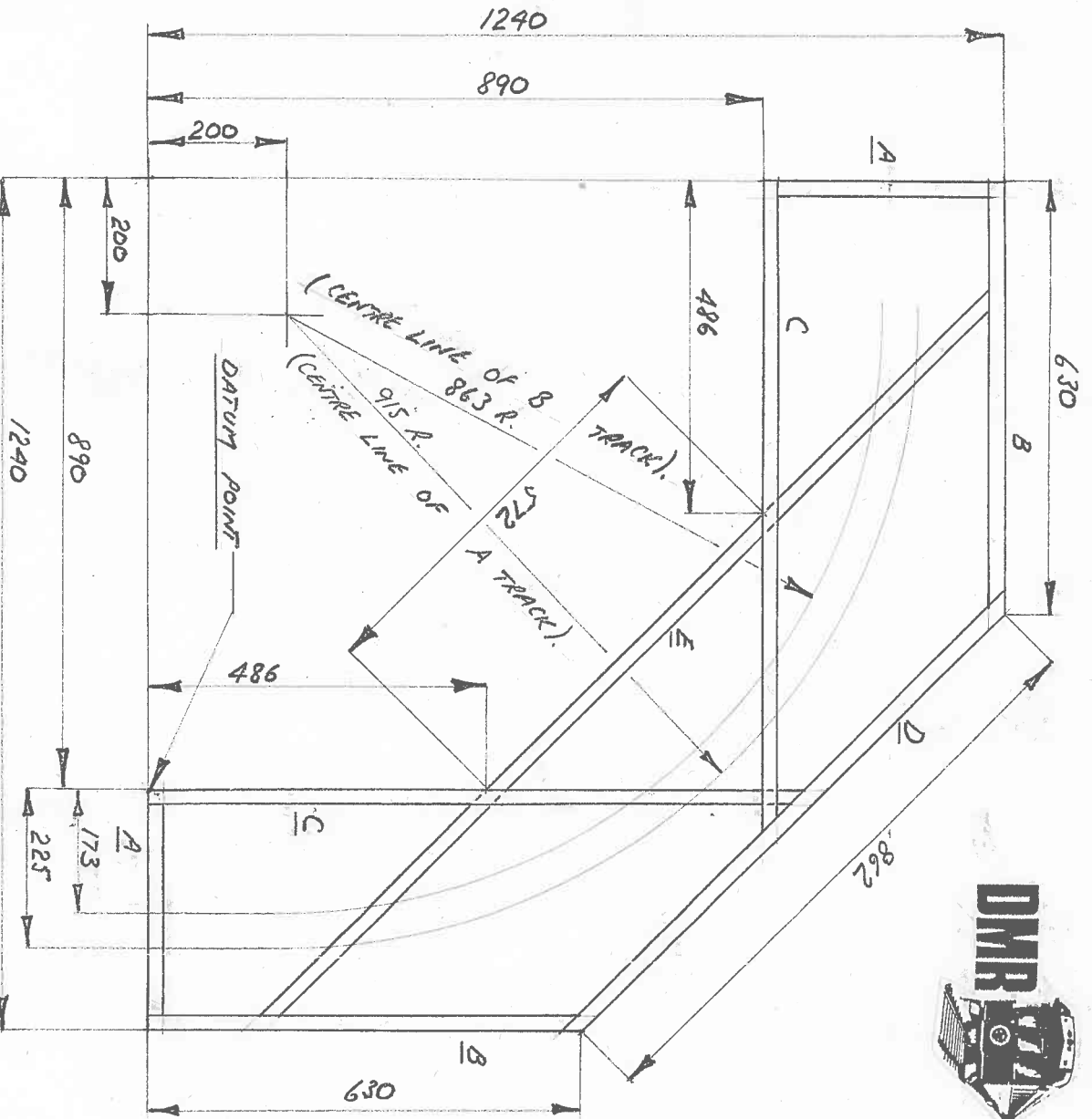
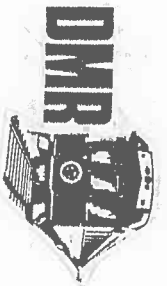
S.P. PINE FRAME.

RECOMMENDED
PLACEMENT OF THREE
LEGS.



LEG SPECS.
SAME AS PER STANDARD
MODULE.

corner mod.



SIDES 'A' MUST BE AT 90° (RIGHT ANGLES) TO EACH OTHER.

FRAMEWORK DETAILS - SAMAD RAILWAY MODULE.

RECOMMENDED MATERIAL - 22 x 104 PAR S.A. PINE.

OVERALL LENGTHS :-

A -	2 OFF	-	306
B -	2 OFF	-	APPROX. 620
C -	2 OFF	-	APPROX. 950
D -	1 OFF	-	APPROX. 915
E -	1 OFF	-	APPROX. 1500

SIDES A & B FROM 1 OFF 2.1m LENGTH.
 SIDES C FROM 1 OFF 2.1m LENGTH.
 SIDE D FROM 1 OFF 1.05m LENGTH.
 SIDE E FROM 1 OFF 1.5m LENGTH.

NOTE :- IT IS STRONGLY RECOMMENDED THAT
 THE FRAMEWORK BE BUILT TO THE
 FULL-SIZE TEMPLATE.

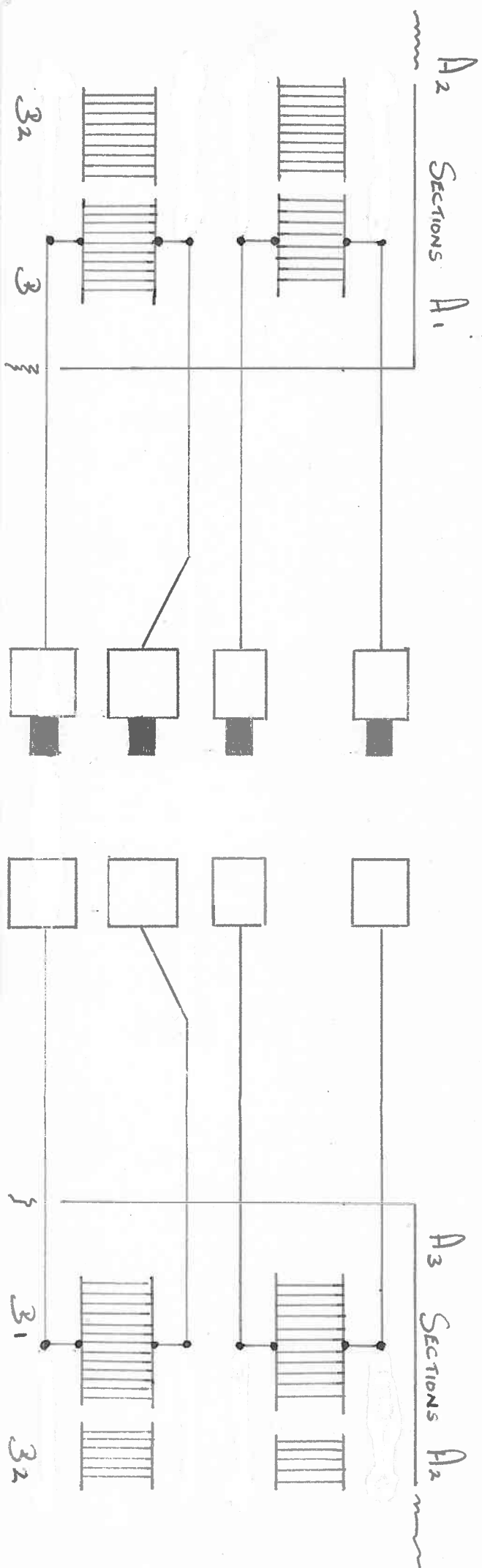
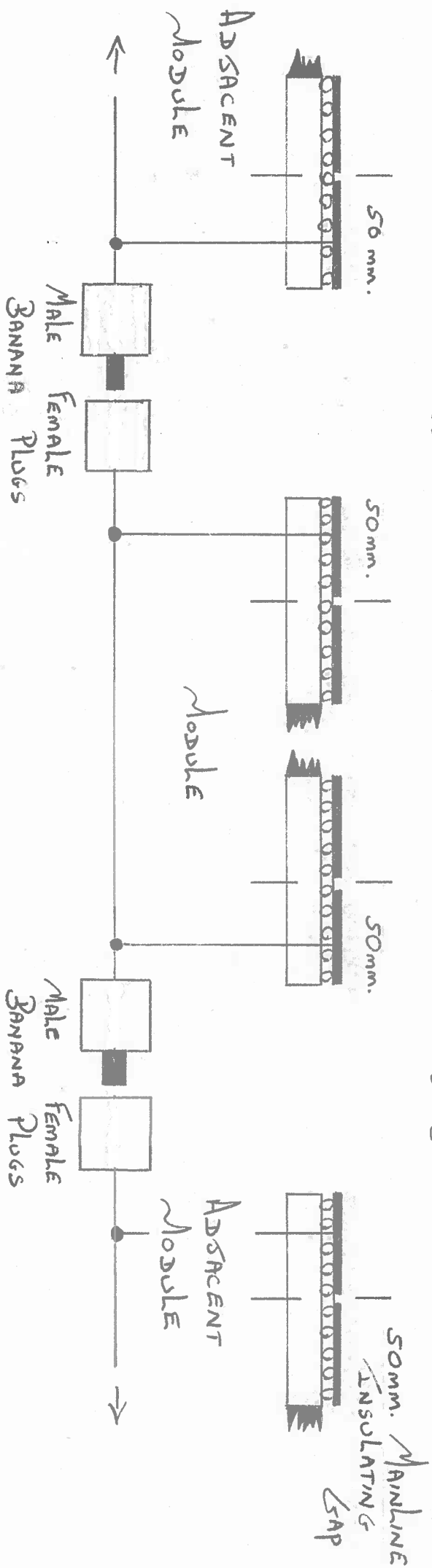
SCALE :- 1 IN 10.

ALL DIMENSIONS IN MM.

DRAWN :- I. SUTHERLAND.

DATE :- 10-10-81.

JUMPER LEADS MODIFICATION!



STANDARD MODULE CONSTRUCTION - SOLID TOP : BILL OF
MATERIALS

FRAME	:	25 mm	x	100 mm	x	1 800 mm	SA Pine	2	off
	:	25 mm	x	100 mm	x	850 mm	SA Pine	2	off
LEGS	:	35 mm	x	70 mm	x	Approx. 1 067 mm	SA Pine	4	off
	:	8 mm	x	70 mm		Carriage Bolts		8	off
	:	8mm				Wingnuts		8	off
	:	8 mm	x	70 mm		Set Screws for Leg Height Adjust.		4	off
	:	8 mm				Nuts			
	:					Rubber Doorstops		4	off
TOP	:	900 mm	x	1 800 mm	x	11 mm	Chip Board	1	off
	:	900 mm	x	1 800 mm	x	13 mm	Insulation Board	1	off
NOTE : Where possible, the Open - Grid system should be used to avoid unnecessary mass.									
ASSEMBLY	:	No. 8	x	50 mm		Wood Screws			
	:					White PVA Wood Glue			
TRACK	:	' PECO '		Code 100		to suit Mainline		2	off
TRACK BASE	:	3 mm		Cork					
RAIL JOINTS	:	110 mm		PECO		Track		2	off
	:			Rail Joiners (Fishplates)		- ' LIMA '		8	off
G CLAMPS	:	3 "		or Larger				2	off

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CONTROL PANEL	:	70 mm	x	100 mm	x	3 mm	Masonite	1	off
	:	2 Pole		2 Way		Slide Switches		4	off
	:	Double Pole		Double Throw		' Centre Off ' Switches		2	off
	:	DYMO		Tape		- White / Yellow			

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26 March, 1982

HON 3 SPECIFICATIONS

1. Track spacing of 120 mm between 'B' standard gauge track centre-line and narrow gauge centre-line at module interface.
2. Height difference of 80 mm between standard gauge rail-top and narrow gauge rail-top.
3. Spacing between centres of double track narrow gauge lines to be a minimum of 57 mm.
4. 18 in. is to be the absolute minimum radius for curves.
5. Narrow gauge track to be laid on $\frac{1}{8}$ in. cork on chipboard. Softboard not to be used.
6. For design purposes, nominal length of wagons may be taken as 120 mm.
7. Where required, the following maximum grades may be used:-
standard gauge - 3% narrow gauge - 4 %
8. Method of operating points still to be decided.
9. Backdrops to be used.
10. At this stage no final decision has been taken on extent to which track is to be cut back from edge of modules for interface purposes. It is likely that the final figure will be the same as the one for standard gauge namely 55 mm.