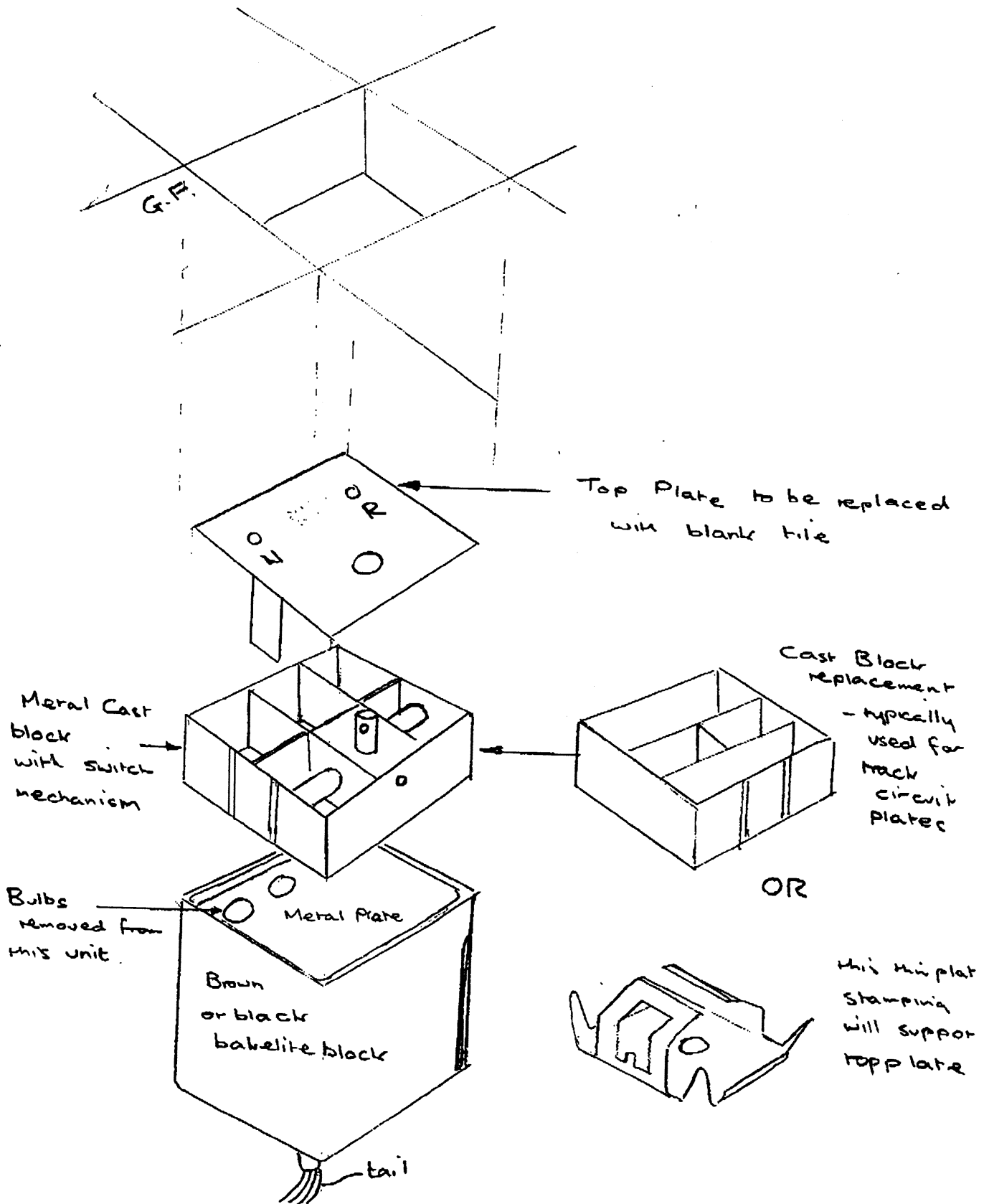
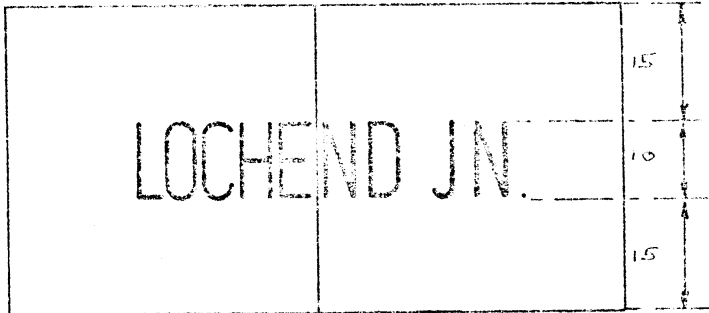
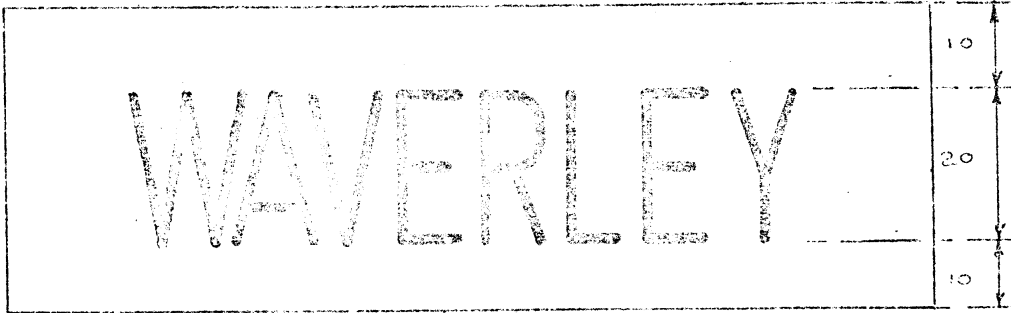


Panel Piece - Exploded View

INFO SUPPLIED
ICW CHARFIELD
RELAYING ITEM

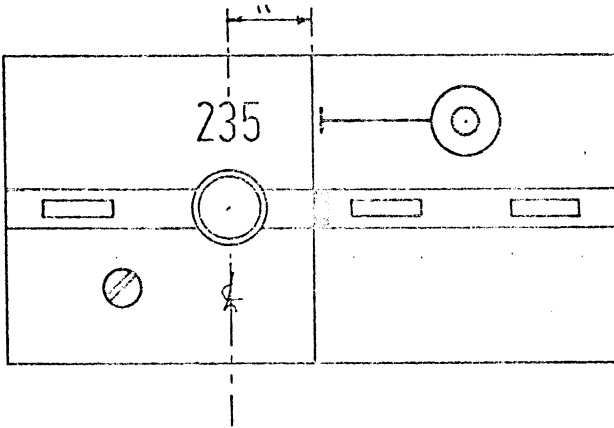
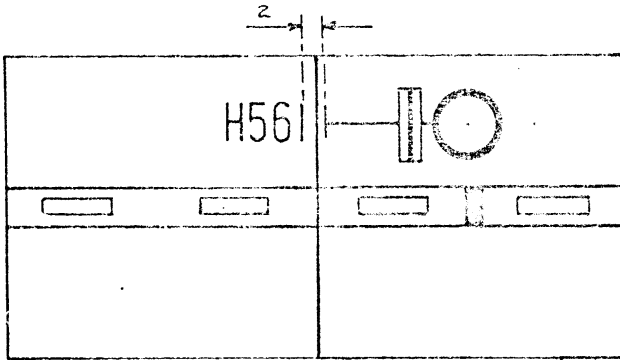
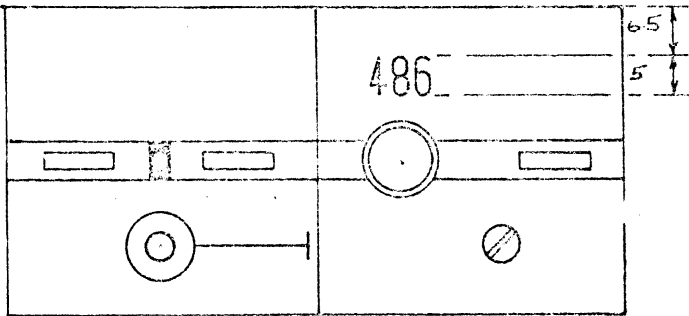
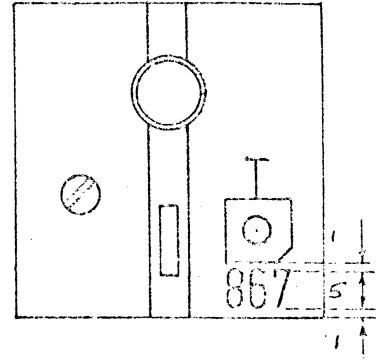
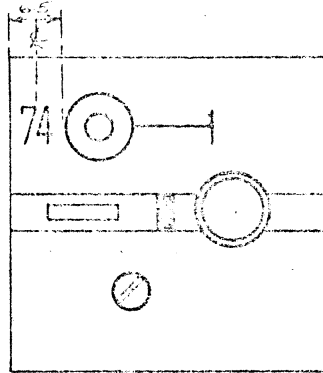
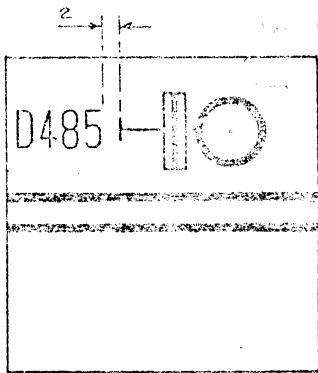


TRIMMING EDGE



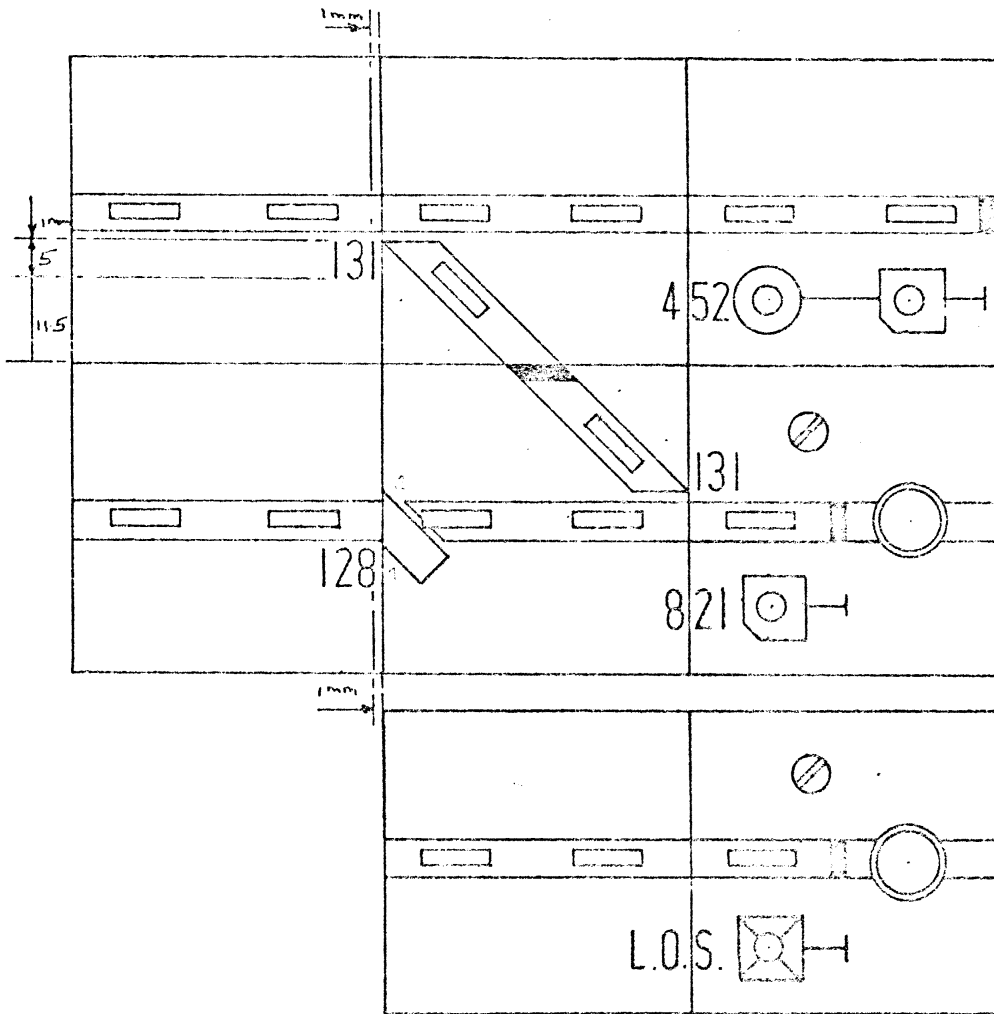
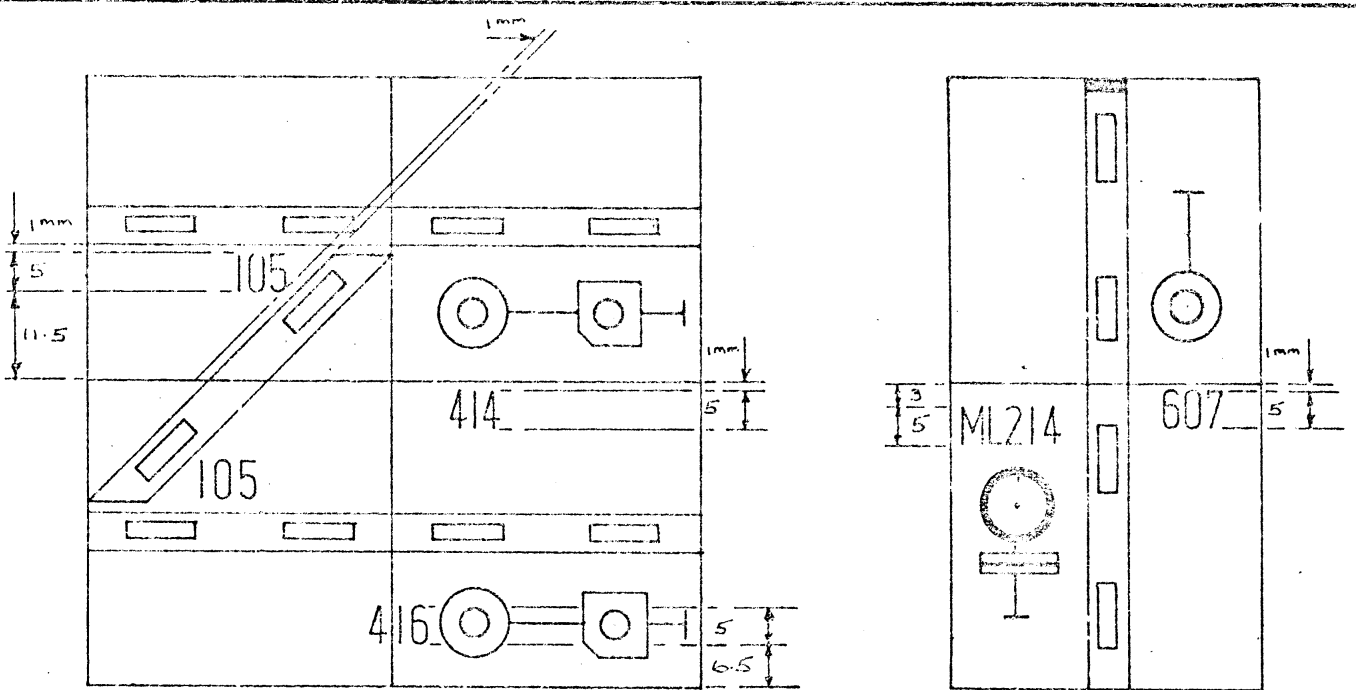
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		ISSUE		ISSUE	

TRIMMING EDGE



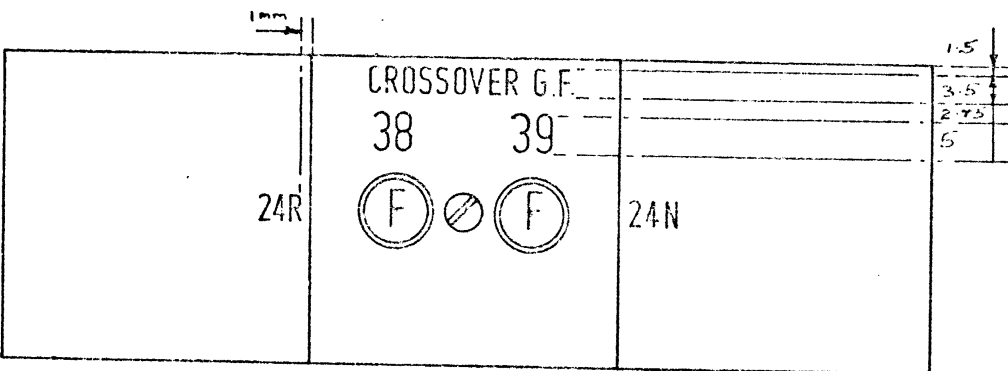
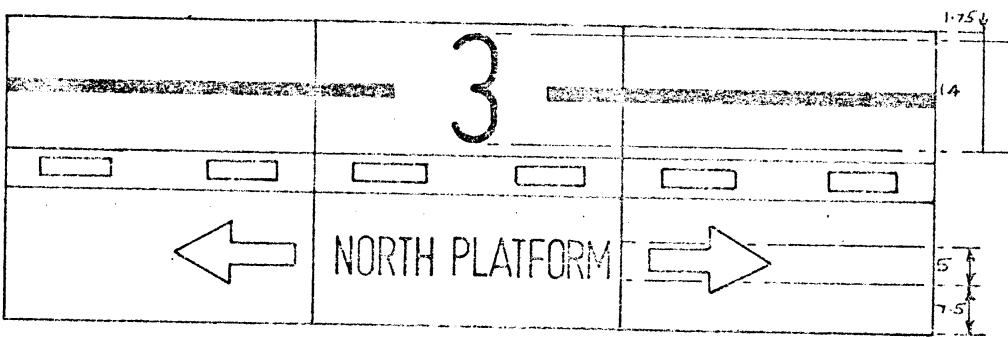
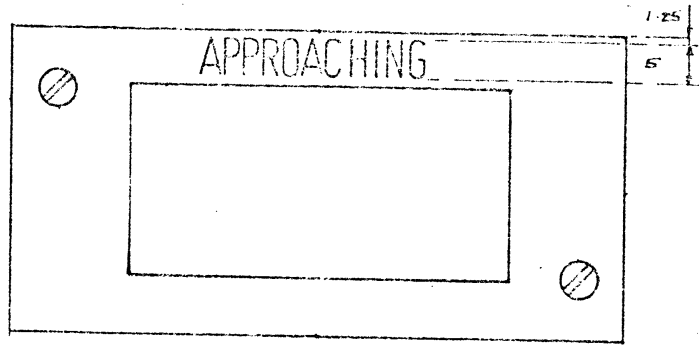
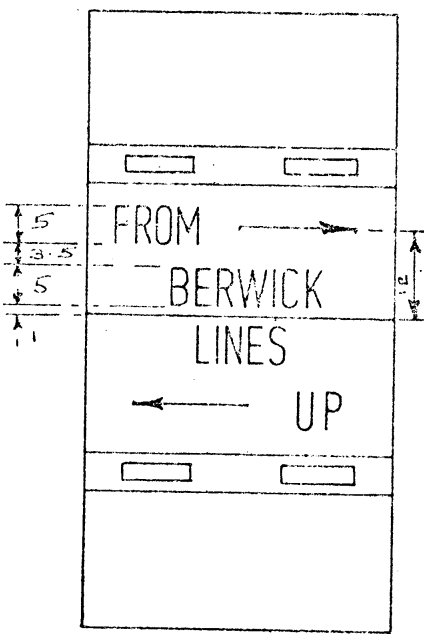
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		ISSUE		ISSUE	

TRIMMING EDGE



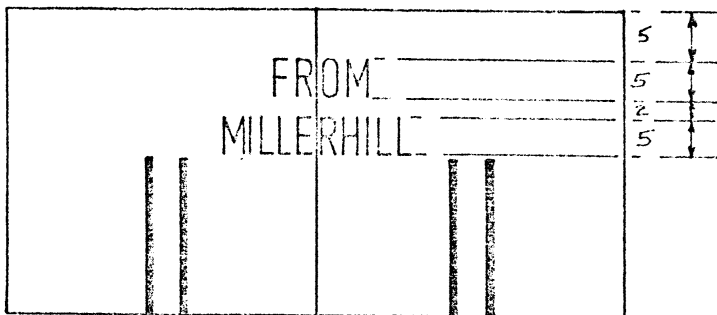
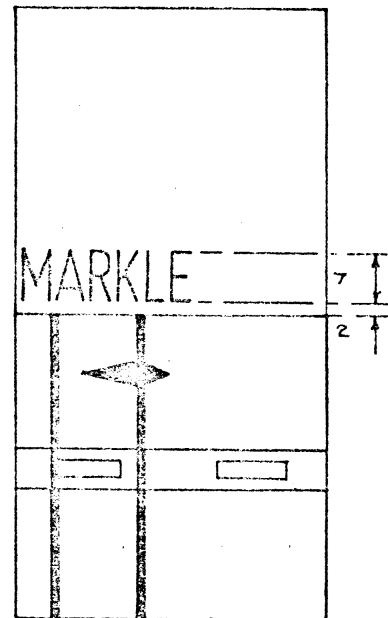
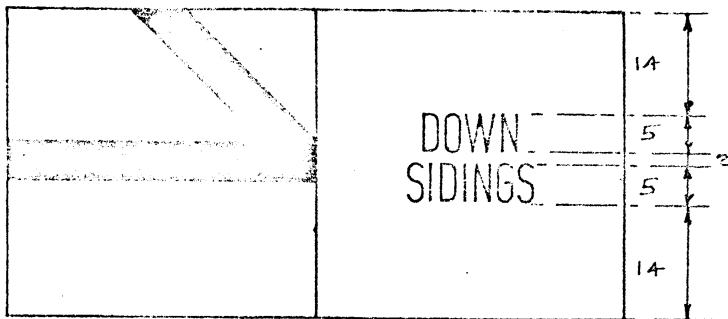
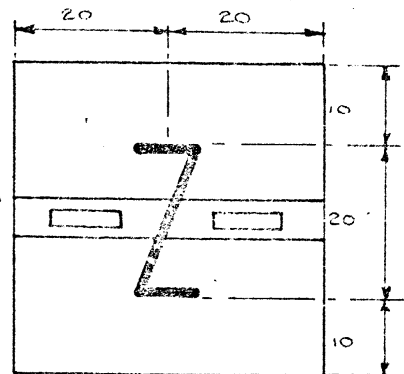
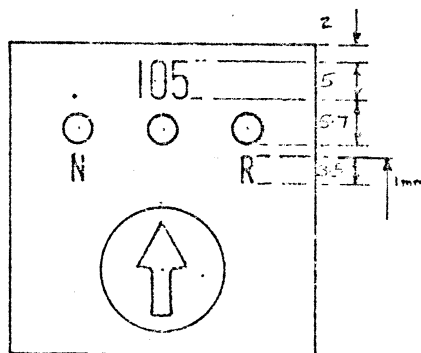
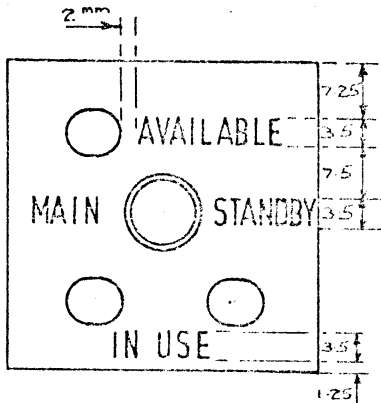
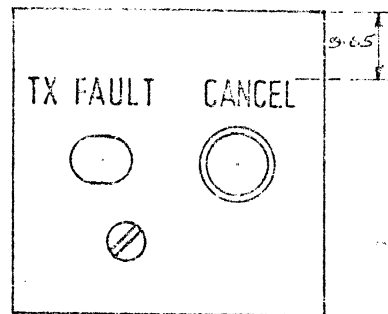
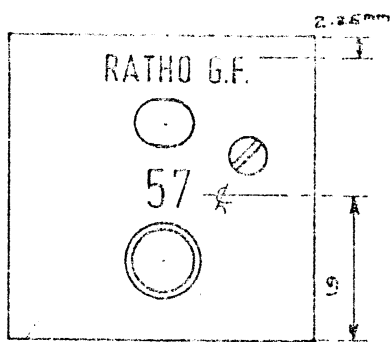
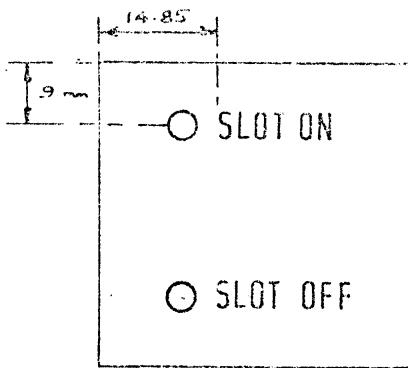
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		ISSUE		ISSUE	

TRIMMING EDGE



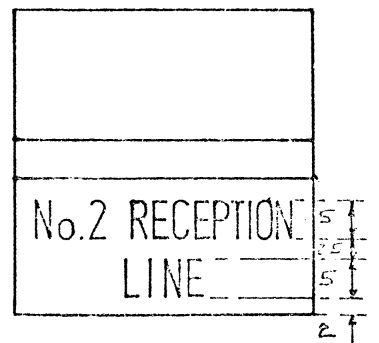
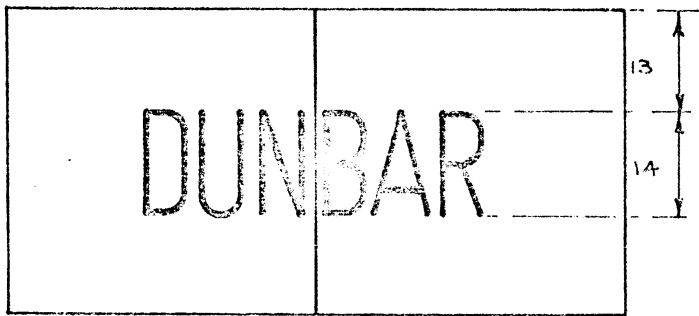
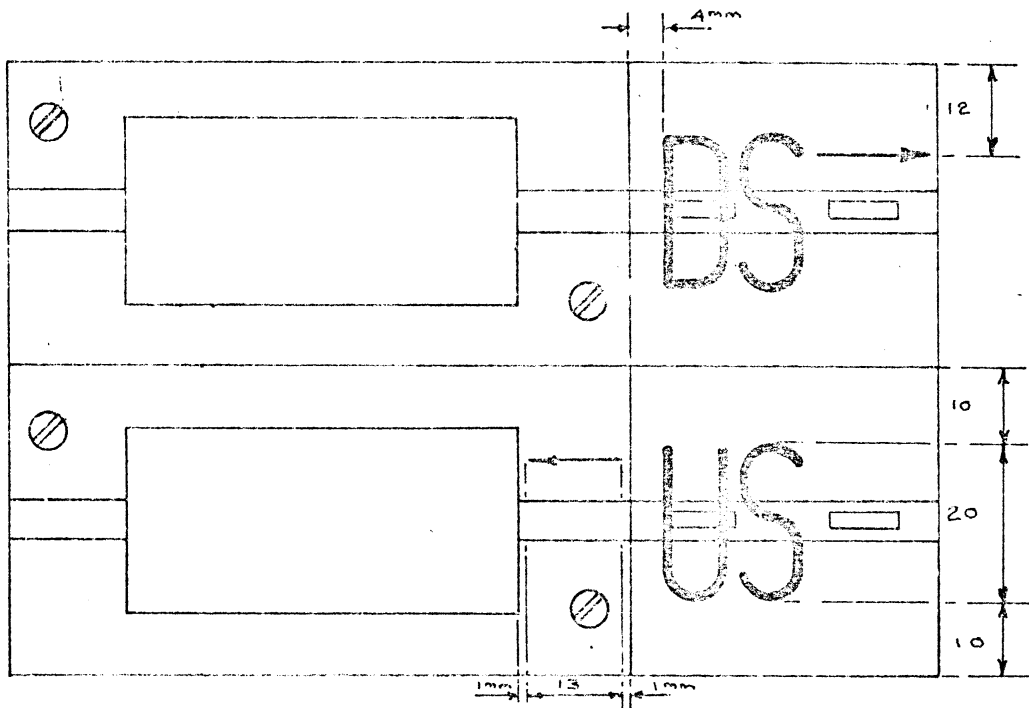
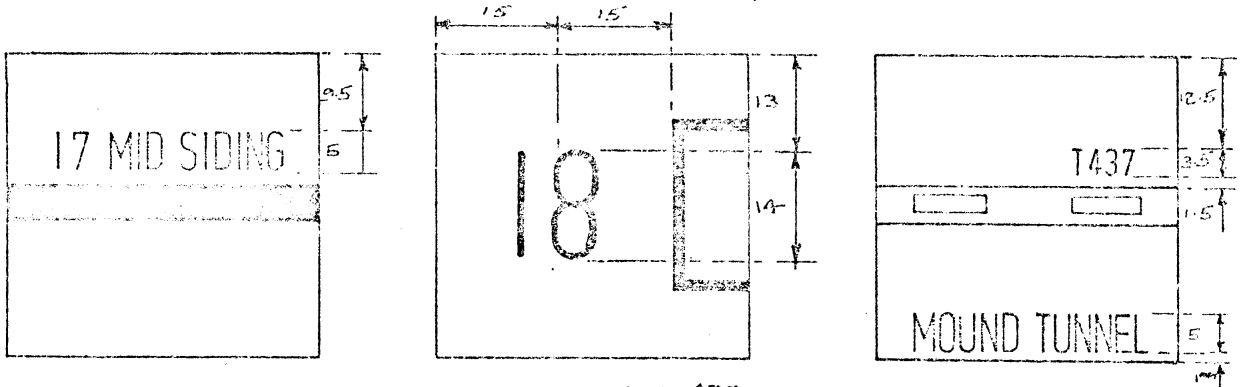
MATERIAL	TOLERANCE	DATE	SIG.	DATE	SIG.
		ISSUE		ISSUE	

TRIMMING EDGE



MATERIAL	TOLERANCE	DATE	SIG.	DATE	SIG.
		ISSUE		ISSUE	

TRIMMING EDGE



MATERIAL	TOLLRANCE	DATE	SIG.	DATE	SIG.
		ISSUE		ISSUE	

Push buttons can be ~~equipped~~ equipped with either one or two contacts. Both make and Break contacts are available. With changeover contacts, it is not possible to make both contacts at once due to welding.

Contact combinations for push button:-

- 1 make
- 2 make
- 1 Break
- 2 Break
- 1 make 1 break contact (making with or without interruption).

Latched push buttons are available.
Sealed —————

Rotary Switches.

3 position with independent contacts. Switch occupies $\frac{1}{2}$ a unit.

4 & 6 position with common return. Switch occupies complete unit.

CONTACTS

Pressure 70gr.

Opening 2mm.

Movement of button 4mm.

Contact resistance 20 milli-ohm.

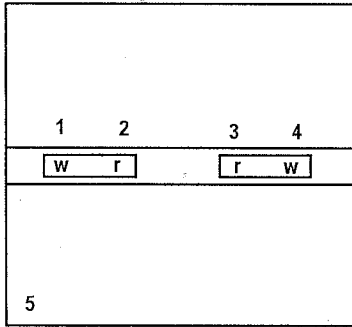
— " — rating 1A/50V d.c. or 0.5A/220V.

Volt & Ammeter supplied with 90° or 270° movement
occupy one whole unit.

LAMPS

24V 1.2W

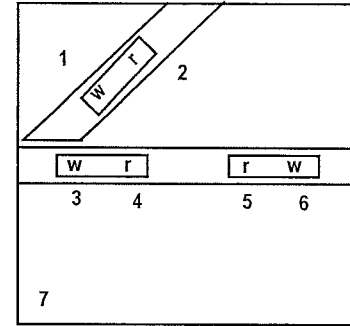
LIFE 800 hrs.



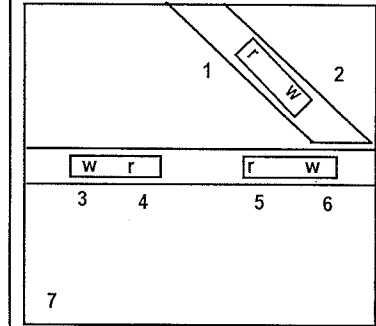
- 1 - red wire white route light
- 2 - blue wire red track light
- 3 - green wire red track light
- 4 - brown wire white route light
- 5 - yellow wire lamps return

normal domino

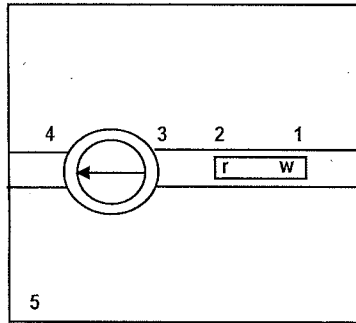
The wiring of each domino is pre-formed with approximately 6 to 8 foot long tails.
Wire size normally 0.6mm² or (0.7mm² old) single strand



- normal domino
- 1 - red wire white route light
 - 2 - blue wire red track light
 - 3 - green wire white route light
 - 4 - brown wire red track light
 - 5 - slate wire red track light
 - 6 - orange wire white route light
 - 7 - yellow wire lamps return

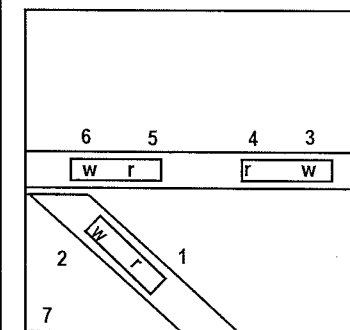


- normal domino
- 1 - red wire red track light
 - 2 - blue wire white route light
 - 3 - green wire white route light
 - 4 - brown wire red track light
 - 5 - slate wire red track light
 - 6 - orange wire white route light
 - 7 - yellow wire lamps return

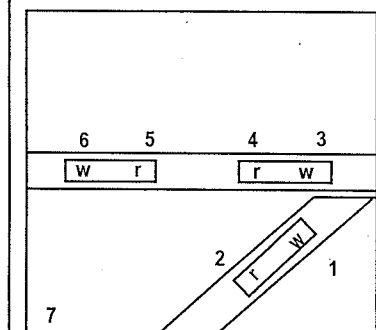


- 1 - red wire white route light
- 2 - blue wire red track light
- 3 - green wire button contact
- 4 - brown wire button contact
- 5 - yellow wire lamps return

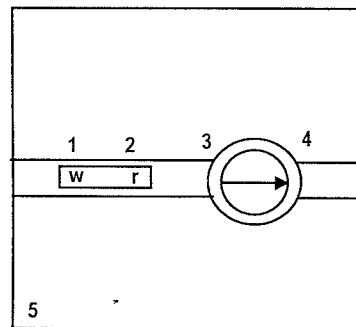
upside down domino



- upside down domino
- 1 - red wire red track light
 - 2 - blue wire white route light
 - 3 - green wire white route light
 - 4 - brown wire red track light
 - 5 - slate wire red track light
 - 6 - orange wire white route light
 - 7 - yellow wire lamps return

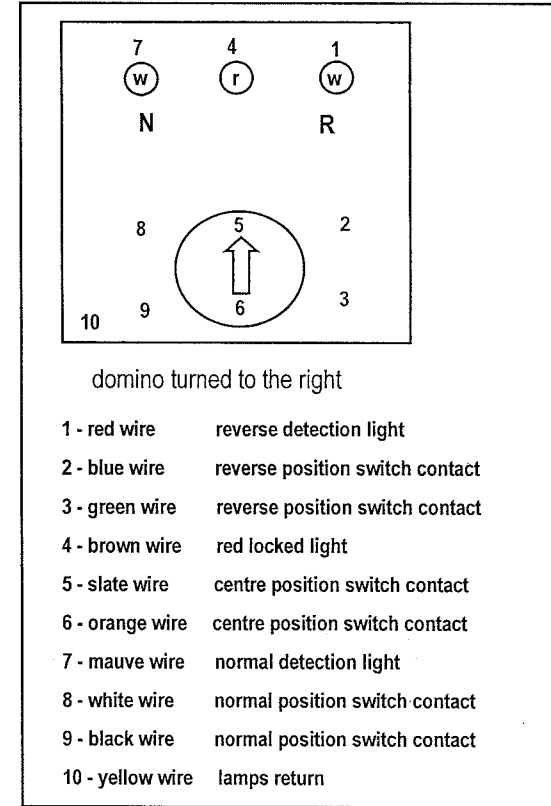
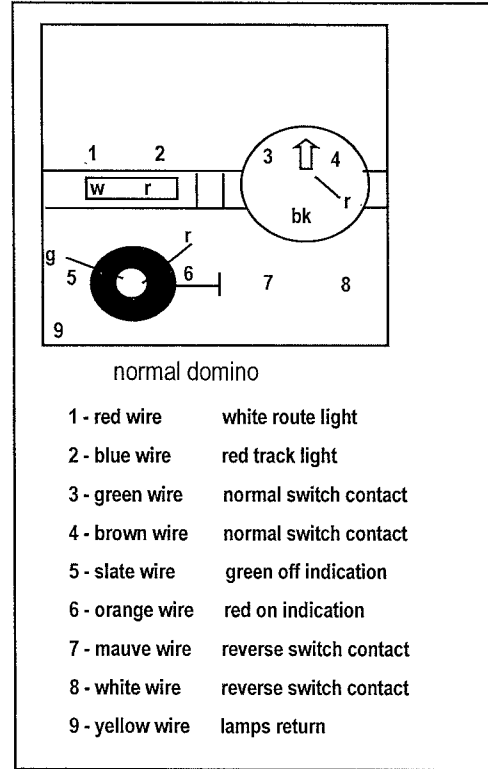
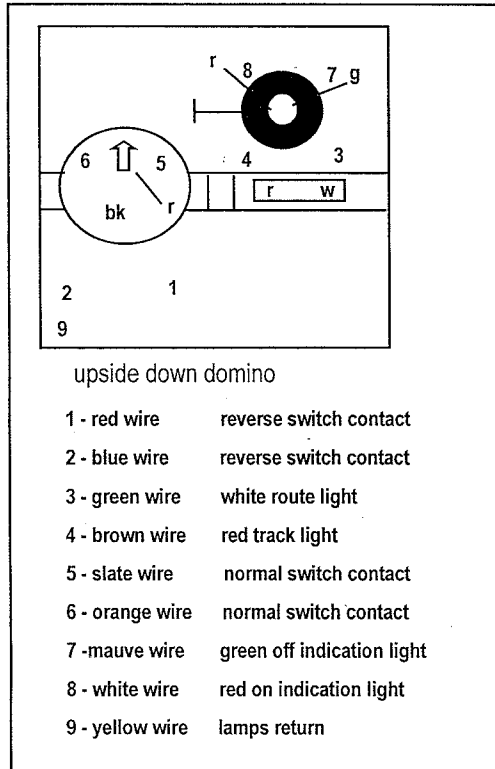


- upside down domino
- 1 - red wire white route light
 - 2 - blue wire red track light
 - 3 - green wire white route light
 - 4 - brown wire red track light
 - 5 - slate wire red track light
 - 6 - orange wire white route light
 - 7 - yellow wire lamps return

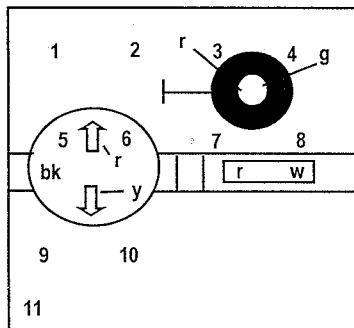


- 1 - red wire white route light
- 2 - blue wire red track light
- 3 - green wire button contact
- 4 - brown wire button contact
- 5 - yellow wire lamps return

normal domino

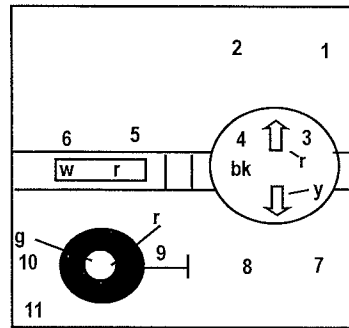


Each unit is wired by the manufacturer with pre-formed tails, 6 to 8 feet long (a twisted wire loom) with the colours of the wires as shown above. The domino MUST be wired to the appropriate required terminals in the back of the panel, in order, starting with the red wire and then on consecutive terminals, until the yellow wire. With the use of existing tag blocks, all terminals denoted 'n' (some older panels use 'k') which is the outer terminal on the tag block, are connected to the NX24 bar, which runs along the whole of the panel. If new tag blocks are to be utilised, then the installation staff must be made aware of this feature. If krone terminals, or any other non-tag soldered terminal is used, then all dominoes connected to these terminals must have the common return loop drawn in full. The yellow wire terminals need not be together with the rest of the domino, if it becomes preferable to terminate them in one group, to facilitate the wiring of the loop. The loop wires connecting all the yellow wires must be wired in a higher current rated wire, depending upon how many bulbs are within one loop. Each loop/loops are then terminated on the large busbar, running the whole length of the panel.



normal domino

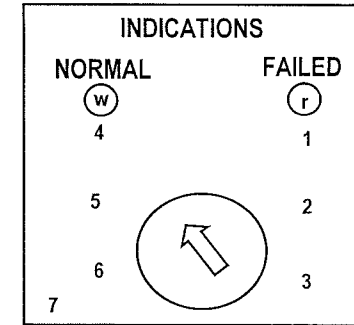
- | | |
|------------------|-----------------------------|
| 1 - red wire | shunt signal switch contact |
| 2 - blue wire | shunt signal switch contact |
| 3 - green wire | red on indication light |
| 4 - brown wire | green off indication light |
| 5 - slate wire | normal switch contact |
| 6 - orange wire | normal switch contact |
| 7 - mauve wire | red track light |
| 8 - white wire | white route light |
| 9 - black wire | main signal switch contact |
| 10 - pink wire | main signal switch contact |
| 11 - yellow wire | lamps return |



Upside down domino

- | | |
|------------------|-----------------------------|
| 1 - red wire | shunt signal switch contact |
| 2 - blue wire | shunt signal switch contact |
| 3 - green wire | normal switch contact |
| 4 - brown wire | normal switch contact |
| 5 - slate wire | red track light |
| 6 - orange wire | white track light |
| 7 - mauve wire | main signal switch contact |
| 8 - white wire | main signal switch contact |
| 9 - black wire | red on indication light |
| 10 - pink wire | green off indication light |
| 11 - yellow wire | lamps return |

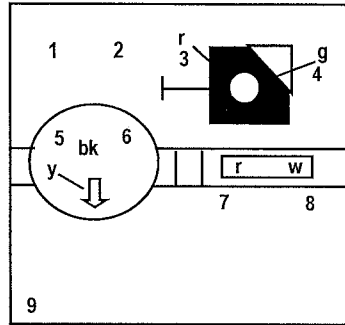
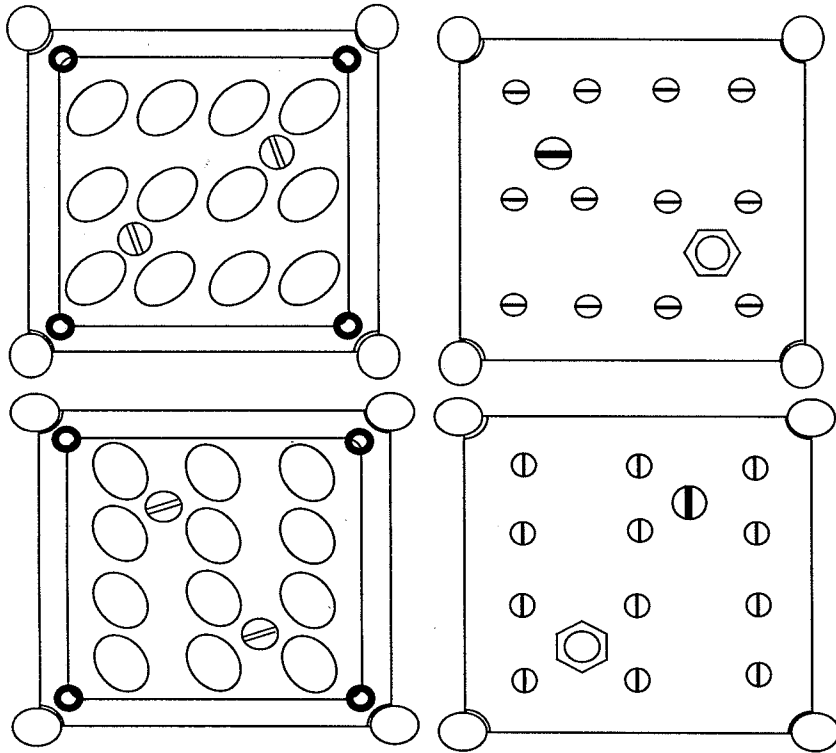
8
9
10



domino turned to the right

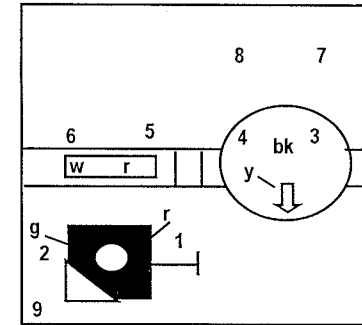
- | | |
|-----------------|---------------------------------|
| 1 - red wire | failed detection light |
| 2 - blue wire | reverse position switch contact |
| 3 - green wire | reverse position switch contact |
| 4 - brown wire | normal detection light |
| 5 - slate wire | normal position switch contact |
| 6 - orange wire | normal position switch contact |
| 7 - yellow wire | lamps return |

Following pink wire, if all 12 tags need to be used, then 11 is maroon wire, 12 is violet wire and 13 is the yellow wire.



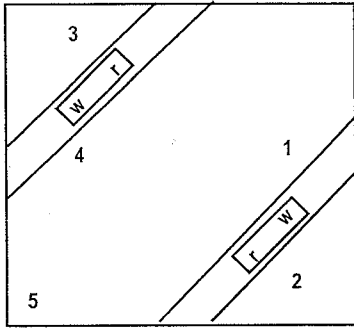
normal domino

- | | |
|-----------------|----------------------------|
| 1 - red wire | reverse switch contact |
| 2 - blue wire | reverse switch contact |
| 3 - green wire | red on indication light |
| 4 - brown wire | green off indication light |
| 5 - slate wire | normal switch contact |
| 6 - orange wire | normal switch contact |
| 7 - mauve wire | red track light light |
| 8 - white wire | white track light light |
| 9 - yellow wire | lamps return |

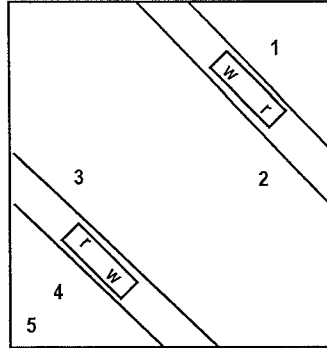


upside down domino

- | | |
|-----------------|----------------------------|
| 1 - red wire | red on indication light |
| 2 - blue wire | green off indication light |
| 3 - green wire | normal switch contact |
| 4 - brown wire | normal switch contact |
| 5 - slate wire | red track indication |
| 6 - orange wire | white route indication |
| 7 - mauve wire | reverse switch contact |
| 8 - white wire | reverse switch contact |
| 9 - yellow wire | lamps return |



- normal domino turned to the right
- 1 - red wire white route light
 - 2 - blue wire red track light
 - 3 - green wire red route light
 - 4 - brown wire white track light
 - 5 - yellow wire lamps return



- upside down domino turned to the right
- 1 - red wire white route light
 - 2 - blue wire red track light
 - 3 - green wire red route light
 - 4 - brown wire white track light
 - 5 - yellow wire lamps return