

1984-89 Nissan 300ZX (Z31)

Front 2/3 Framerail template.

Bottom Panel: Left & Right

Notch (jigsaw blade kerf is sufficient) and then bend the panel 90deg at the dotted line. Bend direction will depend on what side of the car the framerail will be installed on, refer to your original framerail.

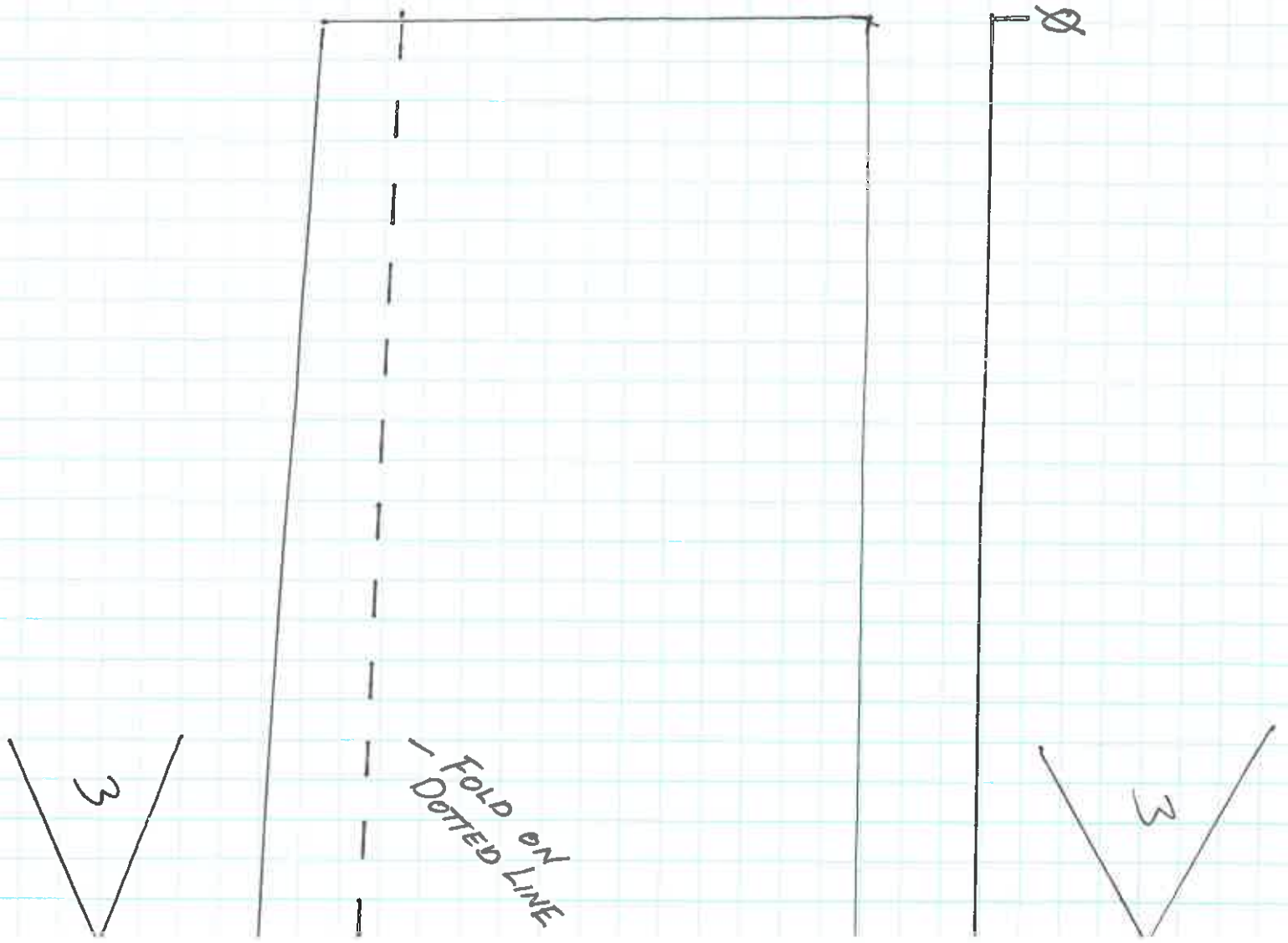
Form bottom panel to replicate the upward sweep of the original framerail. It can be pre-formed or formed as stitch welded using the inner side panel as a guide.

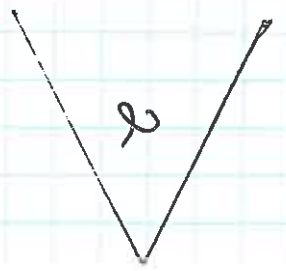
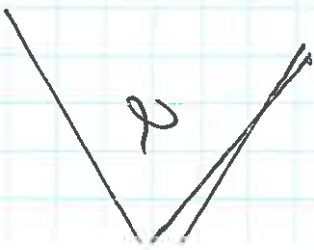
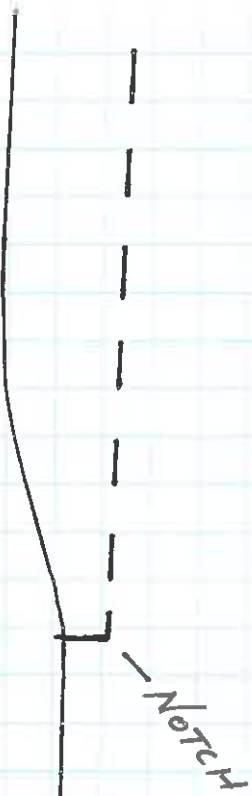
The speedometer recess panel could be considered optional. Once the passenger framerail was otherwise fully welded, the recess was sectioned out and a new panel and wall section was created from left-over material. The dept of the recess was estimated at 12mm.

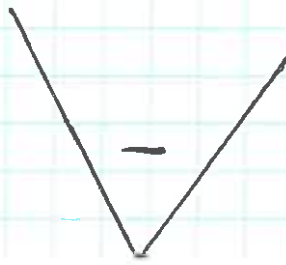
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1984-89 FRAME RAIL BOTTOM PANEL

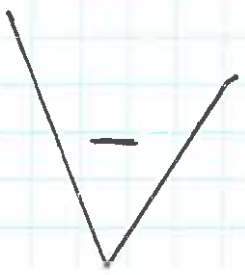
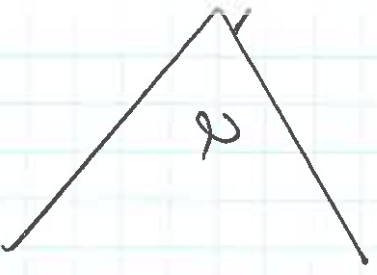
FRONT 2/3, DRIVER & PASSENGER

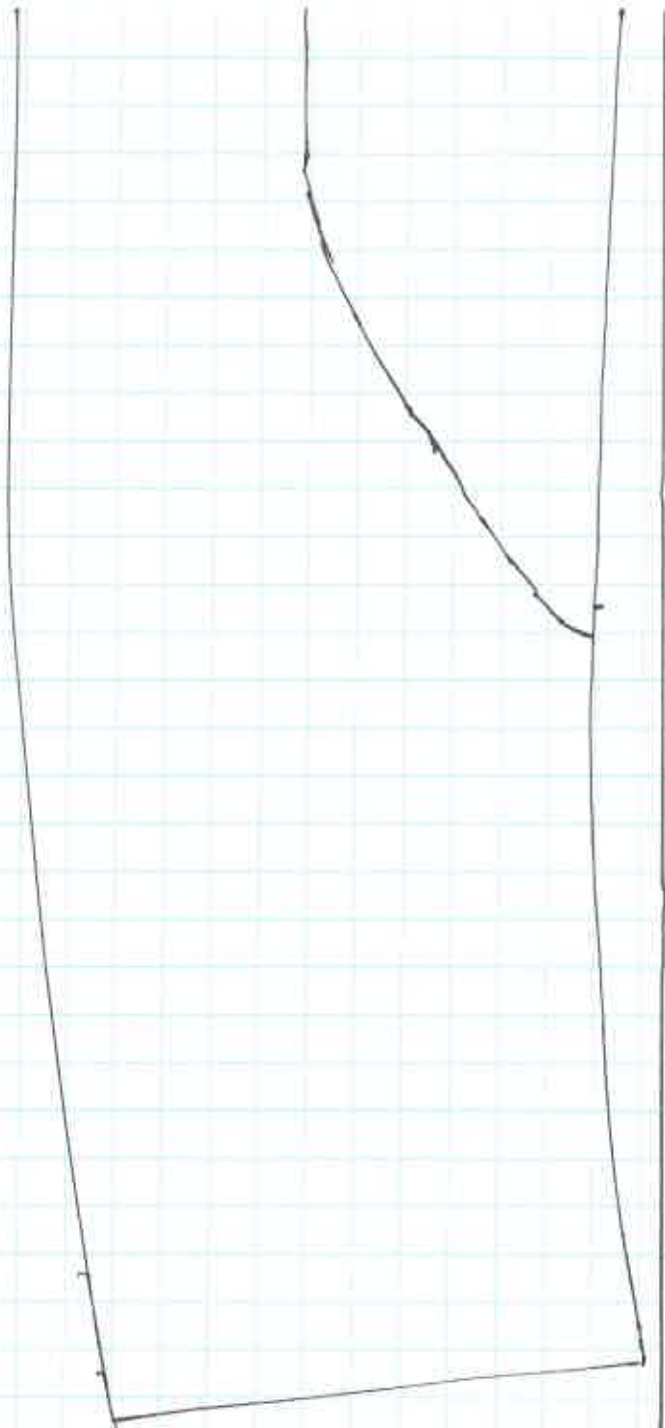
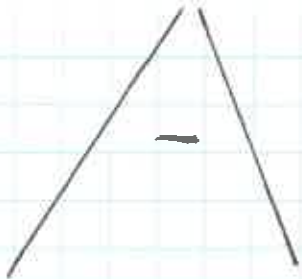






CUT, CUT AND RECESS THIS AREA FOR
SPEEDOMETER CABLE CLEARANCE (~ 12-14mm)





36"

1984-89 Nissan 300ZX (Z31)

Front 2/3 Framerrail template.

Inner Side Panels: Left & Right

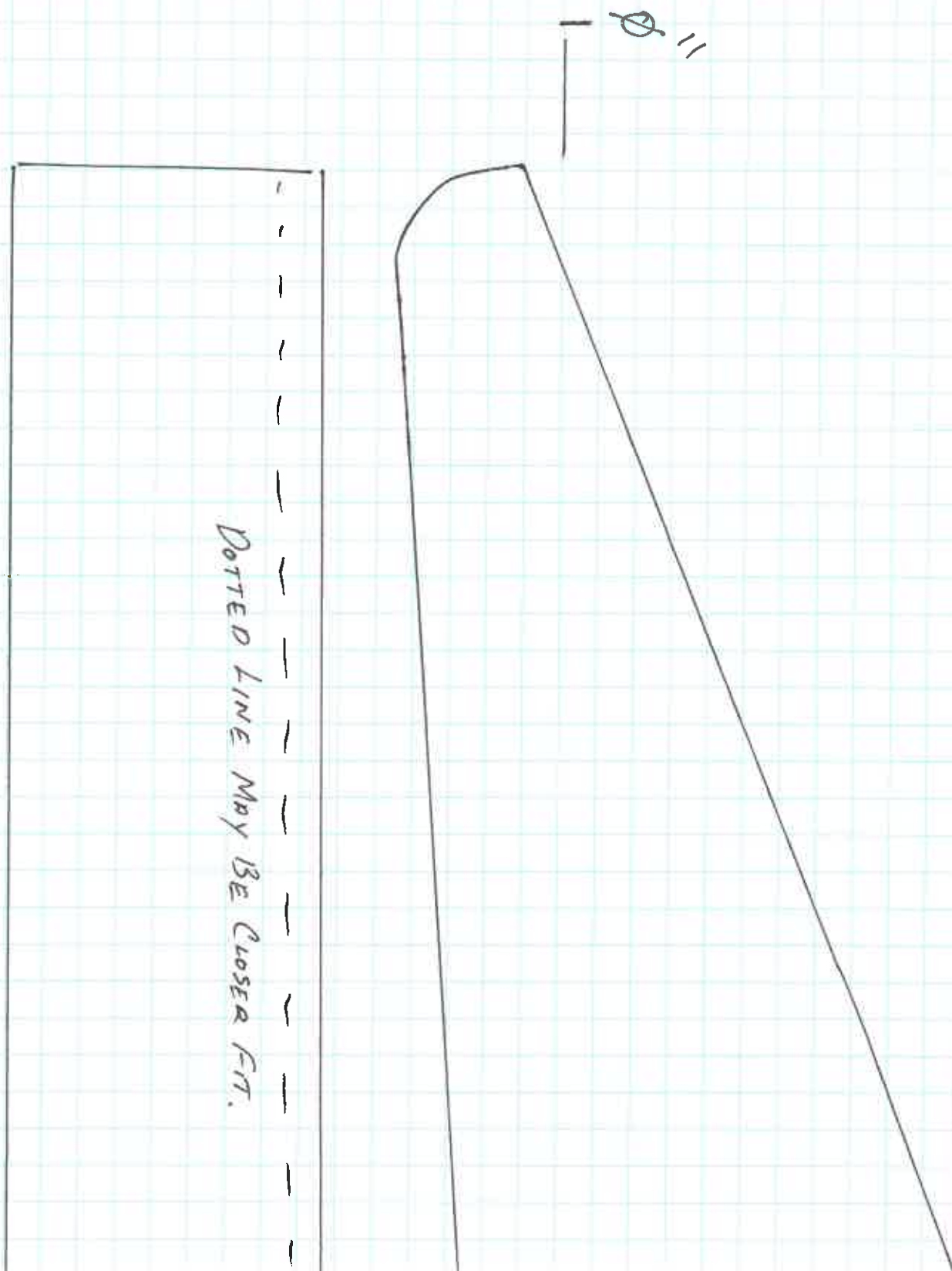
These panels may be too tall and need some fitment with a grinder along the top edge only. Fitment to the bottom panel along the bottom edge should be used as a reference and the top edge profiled to match the floorpan.

This is done to accommodate any damage the floorpan may have or any inconsistency in the template top profile. The passenger side panel has a dotted area that is called out as might needing additional material removed, again your floorpan profile may vary.

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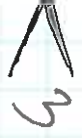
1984-89 FRAME RAIL INNER SIDE PANEL

FRONT 2/3, DRIVER & PASSENGER

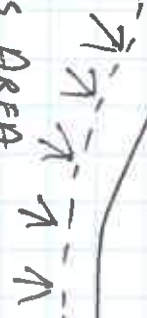




DRIVER



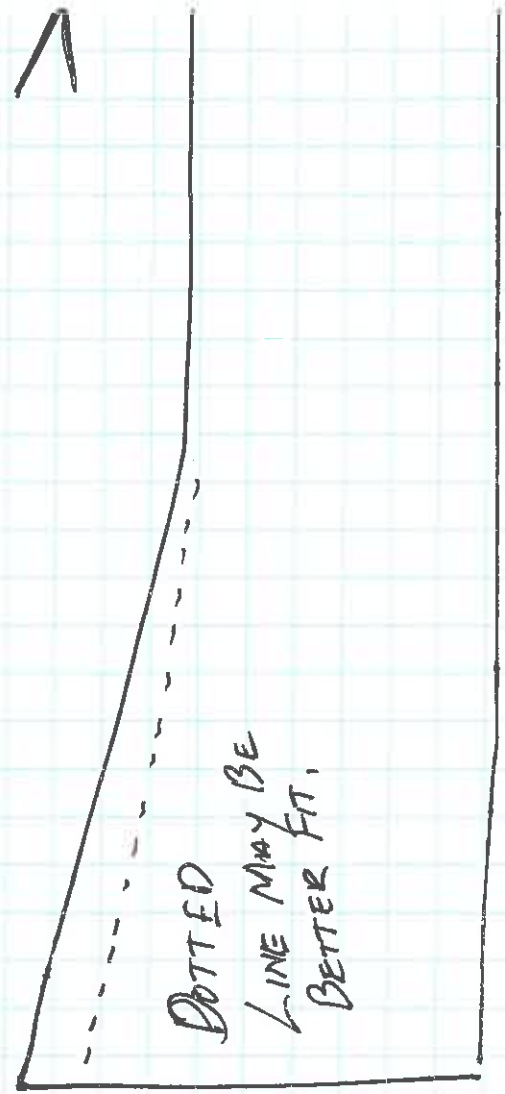
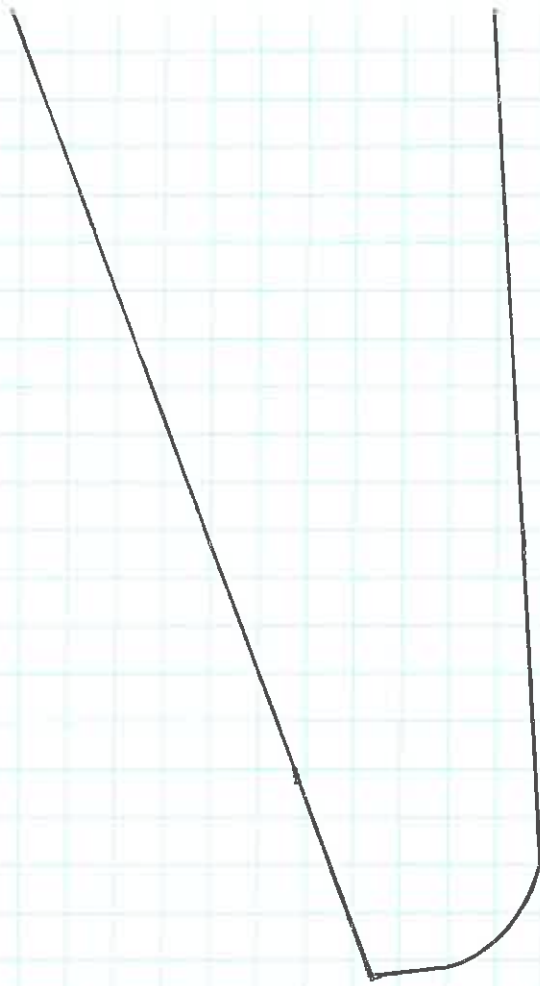
THIS AREA
APPROXIMATED





PASSENGER





3 1/2"

1984-89 Nissan 300ZX (Z31)

Front 2/3 Framerrail template.

Outer Side Panels: Left & Right

These panels may be too tall and need some fitment with a grinder along the top edge only. Fitment to the bottom panel along the bottom edge should be used as a reference and the top edge profiled to match the floorpan.

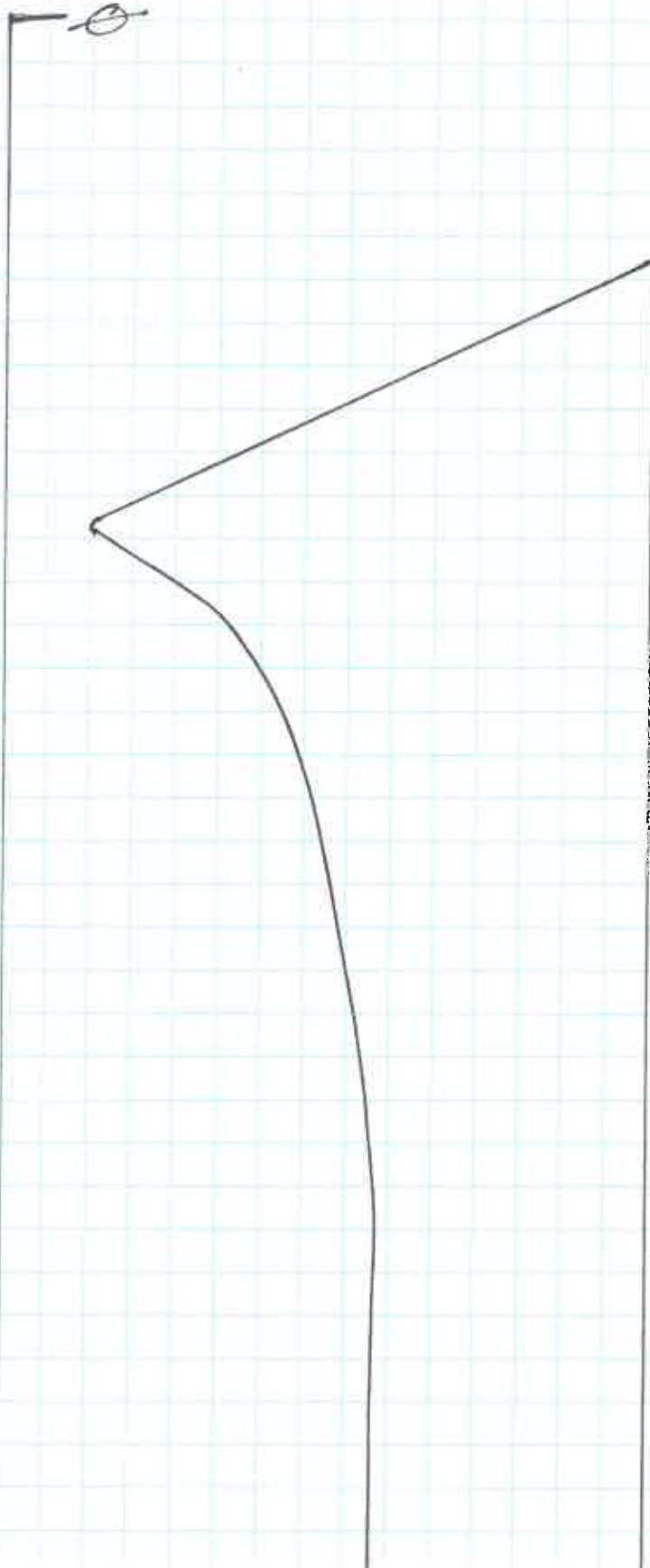
This is done to accommodate any damage the floorpan may have or any inconsistency in the template top profile. Panels are symmetrical left to right.

I found that this panel was pretty accurate along the top edge with a couple mm needing removed towards the rear of the panel to match the height of the rear 1/3 of the original framerail.

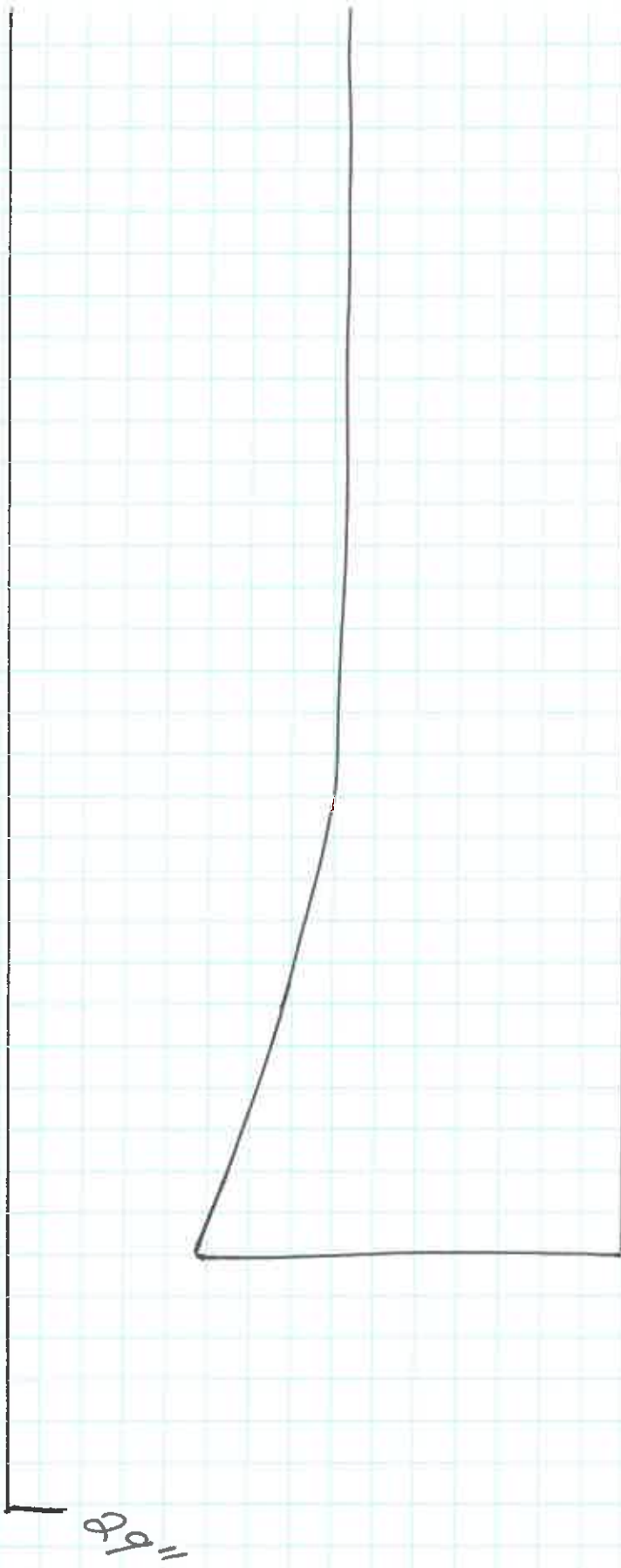
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1984-89 FRAMERAIL OUTER SIDE PANEL

FRONT 2/3, DRIVER & PASSENGER



OUTBOARD SIDE PANEL
DRIVER & PASSENGER



1984-89 Nissan 300ZX (Z31)**Front 2/3 Framerail template.****Framerail side flanges: Left & Right
&
Speedometer recess panel**

These flanges should be attached once the side panels have been stitch welded to the lower panel and fitment of the top edge of the inner and outer side panels is satisfactory (and level). These flanges will need to be contoured to match the profile of the floorpan and may need to be notched and welded to follow the contour/bend where the floorpan sweeps upward to the firewall. The front of the framerail outer flange originally tucked beneath the flange of the front framerail section. I found recreating this feature would cause issues with installation. I left it the original length, however I cut mine back to match the profile of the front framerail flange and butt welded it instead of tucking it.

The speedometer recess panel could be considered optional. Once the passenger framerail was otherwise fully welded, the recess was sectioned out and a new panel and wall section was created from left-over material. The dept of the recess was estimated at 12mm.



DRIVER &
PASSENGER

INNER FLANGE

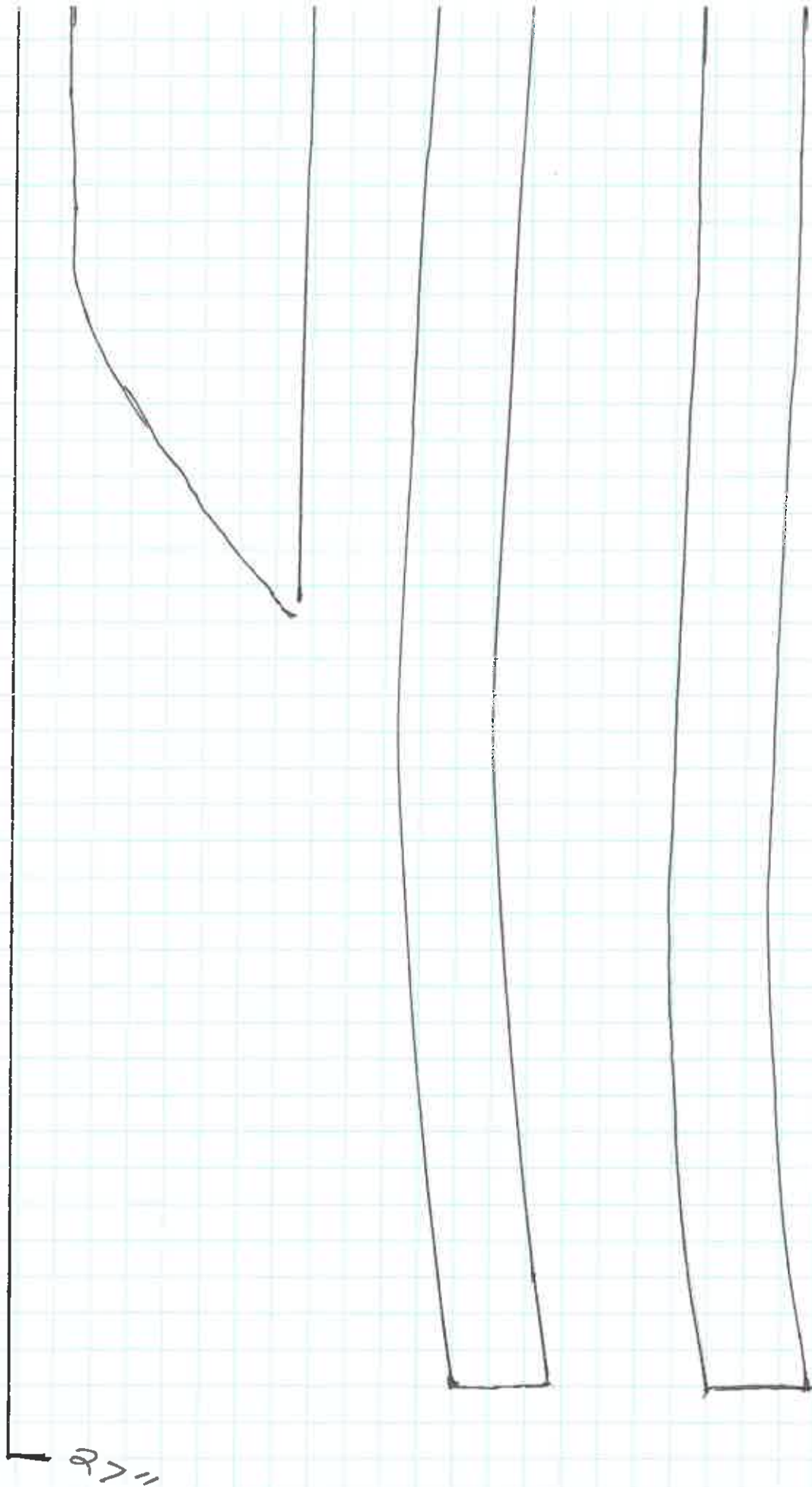


DRIVER &
PASSENGER

OUTER FLANGE

SPEEDOMETER CABLE
PRESS PANEL





27"