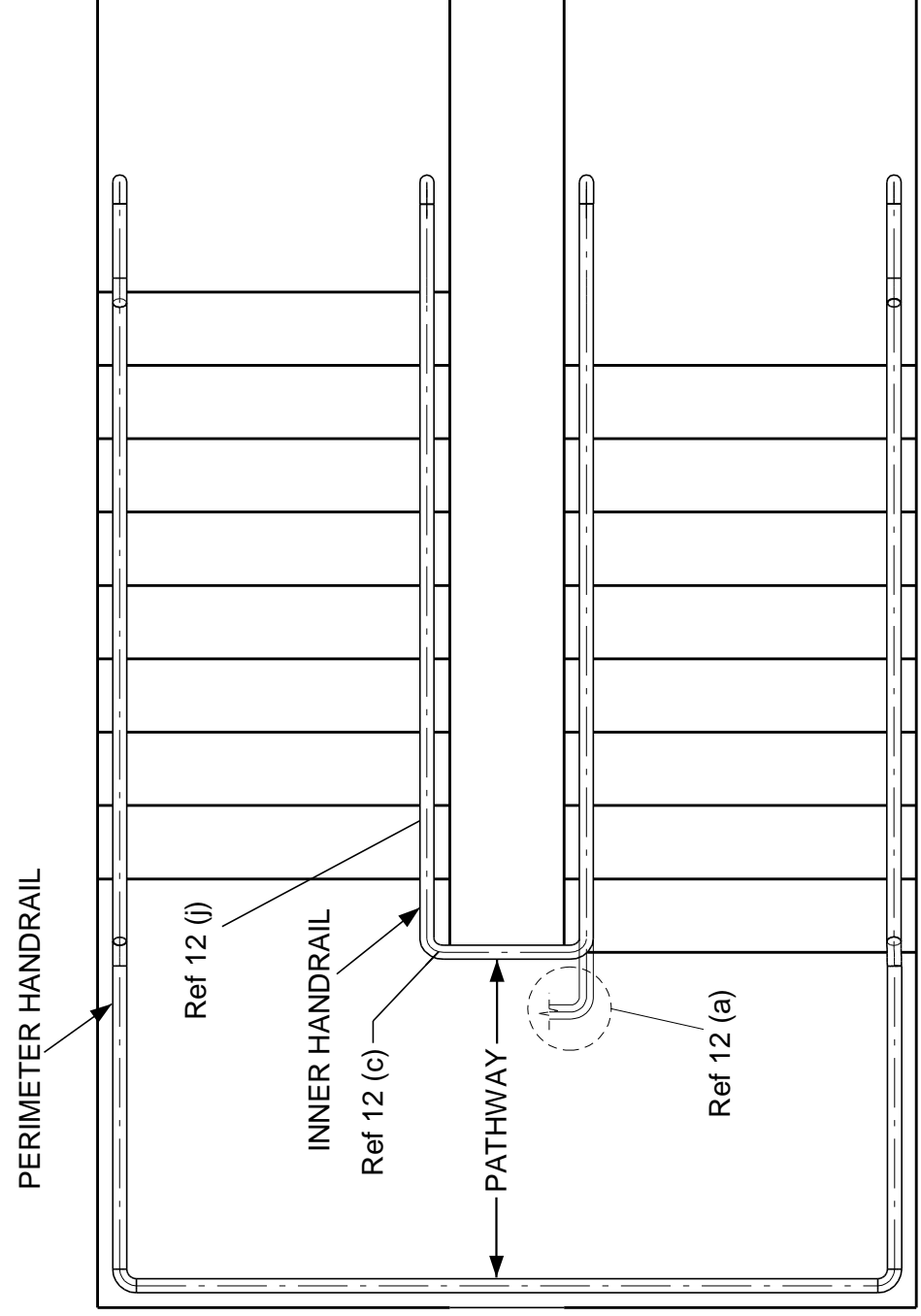


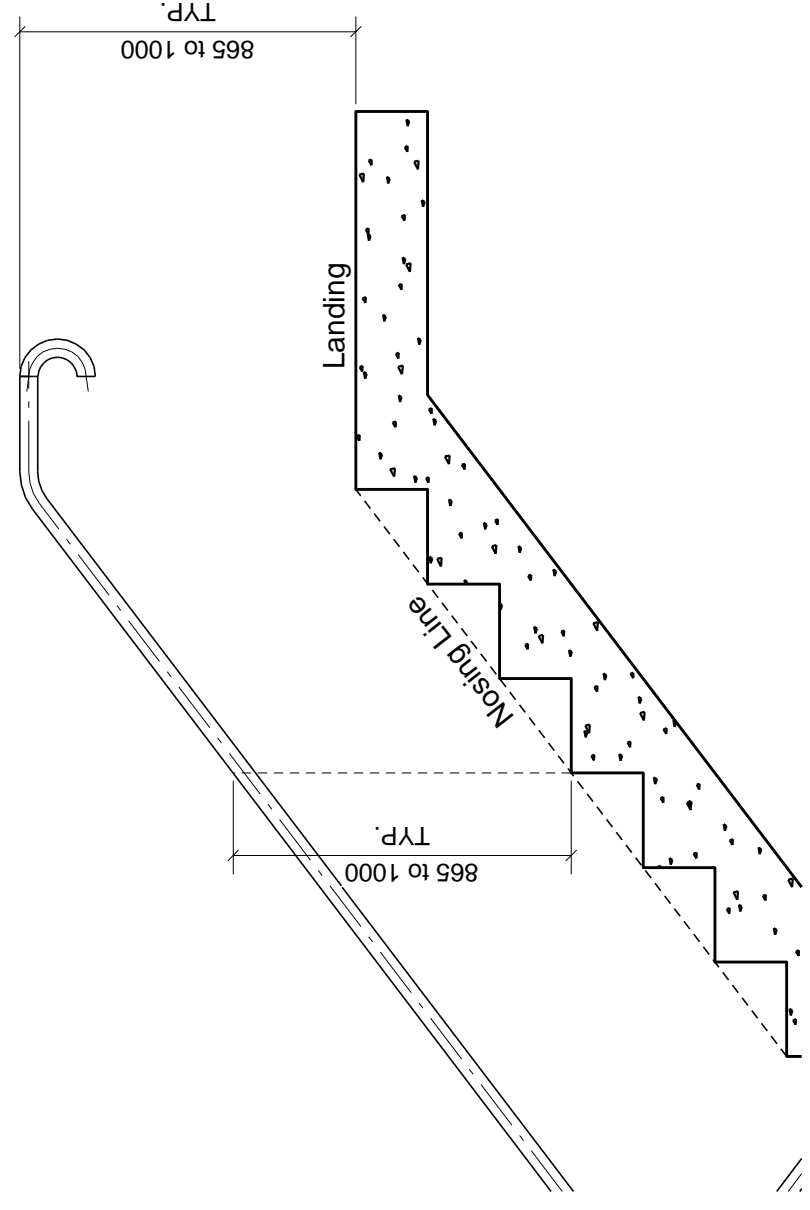
# STAIRWAY HANDRAIL DESIGN REQUIREMENTS AS PER AS1428.1 - 2009 (CLAUSE 12)

12 (a) Handrails and balustrades shall not obstruct pathways.  
 12 (i) Inner Handrail to be continuous.



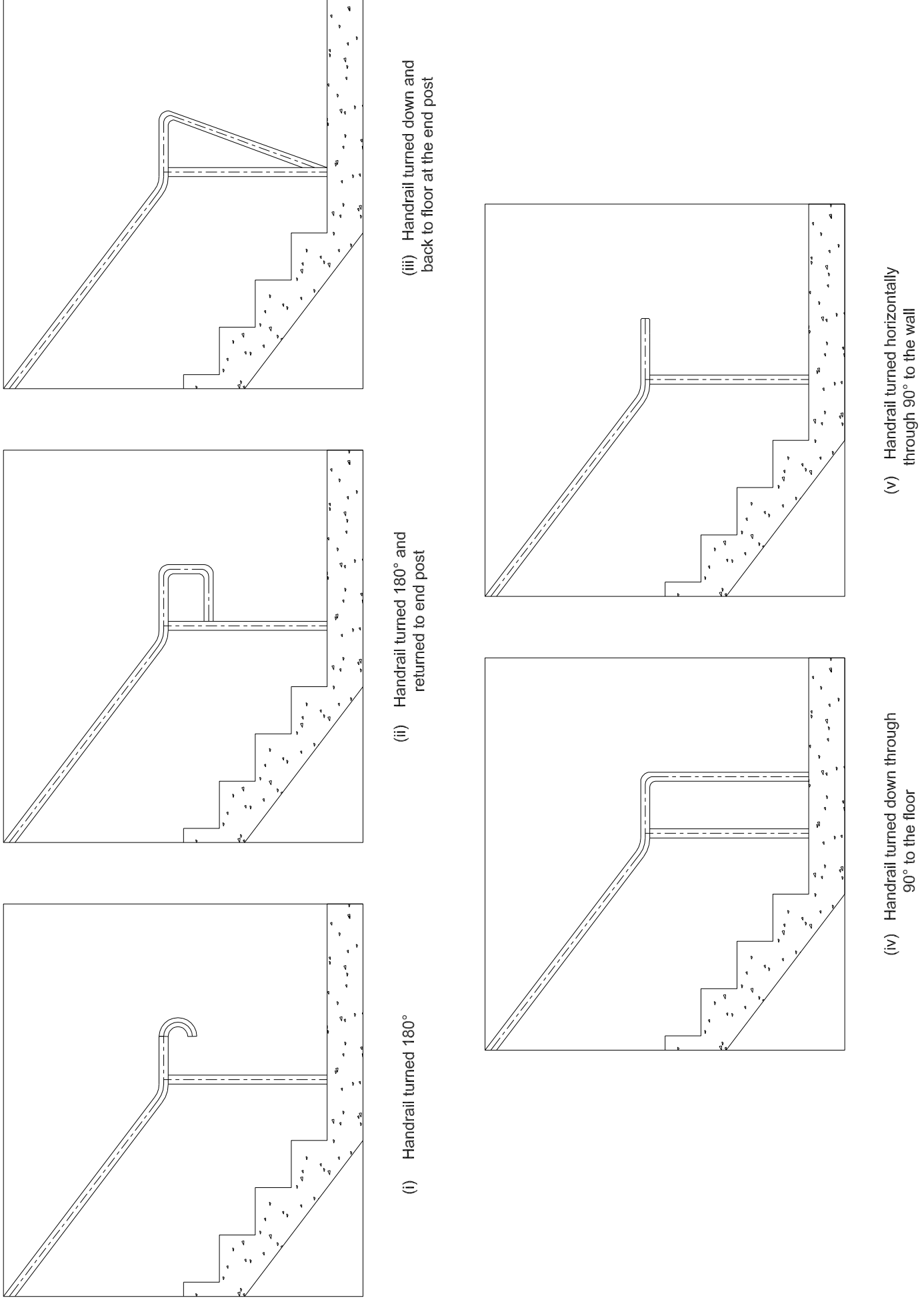
## HANDRAIL LOCATION

12 (d) Handrail height is measured from Top of nosing Line / Floor Level / Tread Top to the top of handrail  
 (e) Handrail height should be maintained all throughout the stairway  
 (f) Height of a balustrade is as per the client requirements



## HANDRAIL HEIGHT

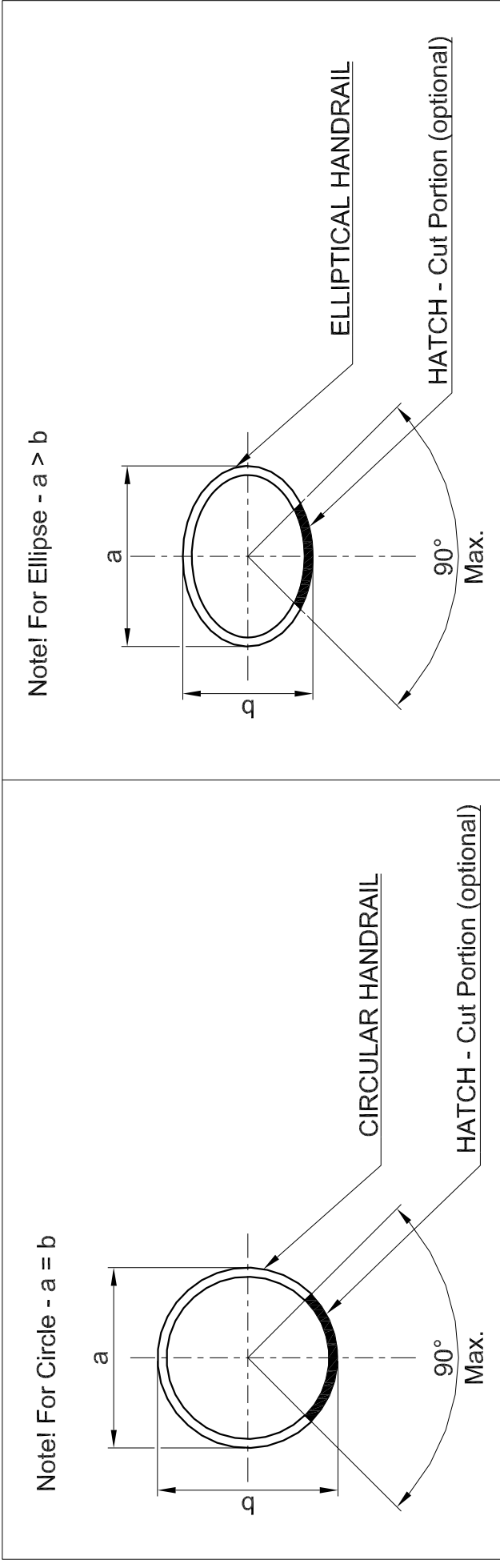
12 (g) Handrails terminations types: (Ref Fig for details)



## HANDRAIL TERMINATIONS

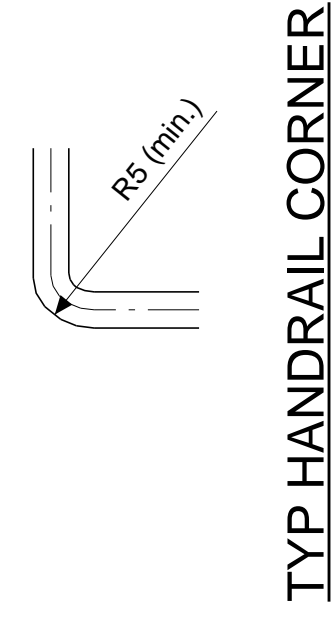
12 (h) Wall clearance = Min. 50 mm  
 Upper obstruction clearance = Min. 600 mm  
 12 (i) No obstruction along the handrail

12 (c) No sharp corners at handrails edges. Min. 5mm to be provided



Note! For Circle - a > b

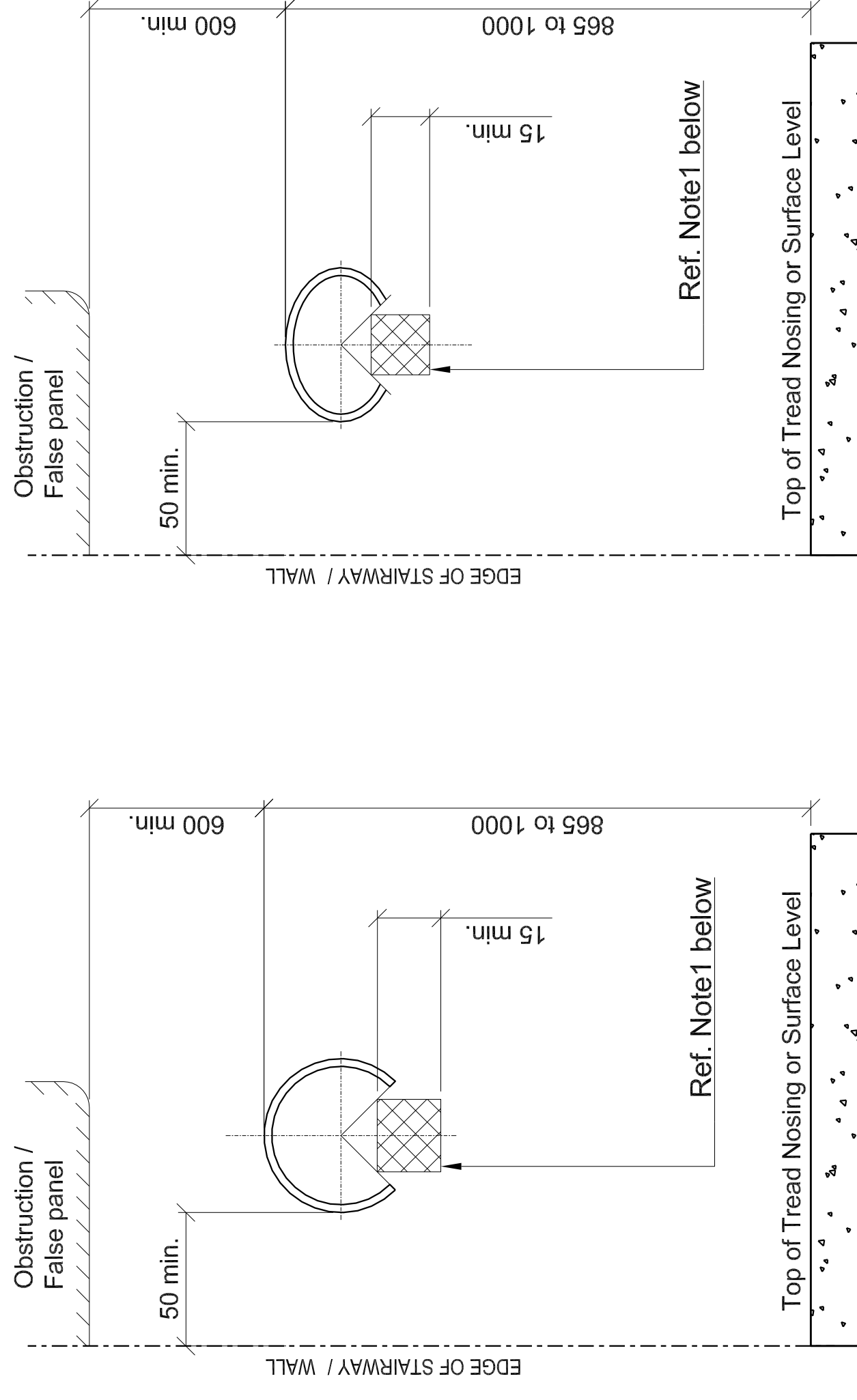
Note! For Ellipse - a > b



## TYP HANDRAIL CORNER

## HANDRAIL SHAPES, SIZES AND NOTCHES

12 (h) Wall clearance = Min. 50 mm  
 Upper obstruction clearance = Min. 600 mm  
 12 (i) No obstruction along the handrail



Note1 - No obstruction near handrail surrounding except for support in the shaded area only

## HANDRAIL - WALL CLEARANCE

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Steel Detailing  
 Design, Engineering

STAIR HANDRAILS AS 1428.1 (CLAUSE 12)

DRAWN	TEK1	SCALE	NTS	JOB No.	DRAWING NUMBER
CHECKED	TEK1	DATE	09.08.2017	STD	TEK1-STD#003