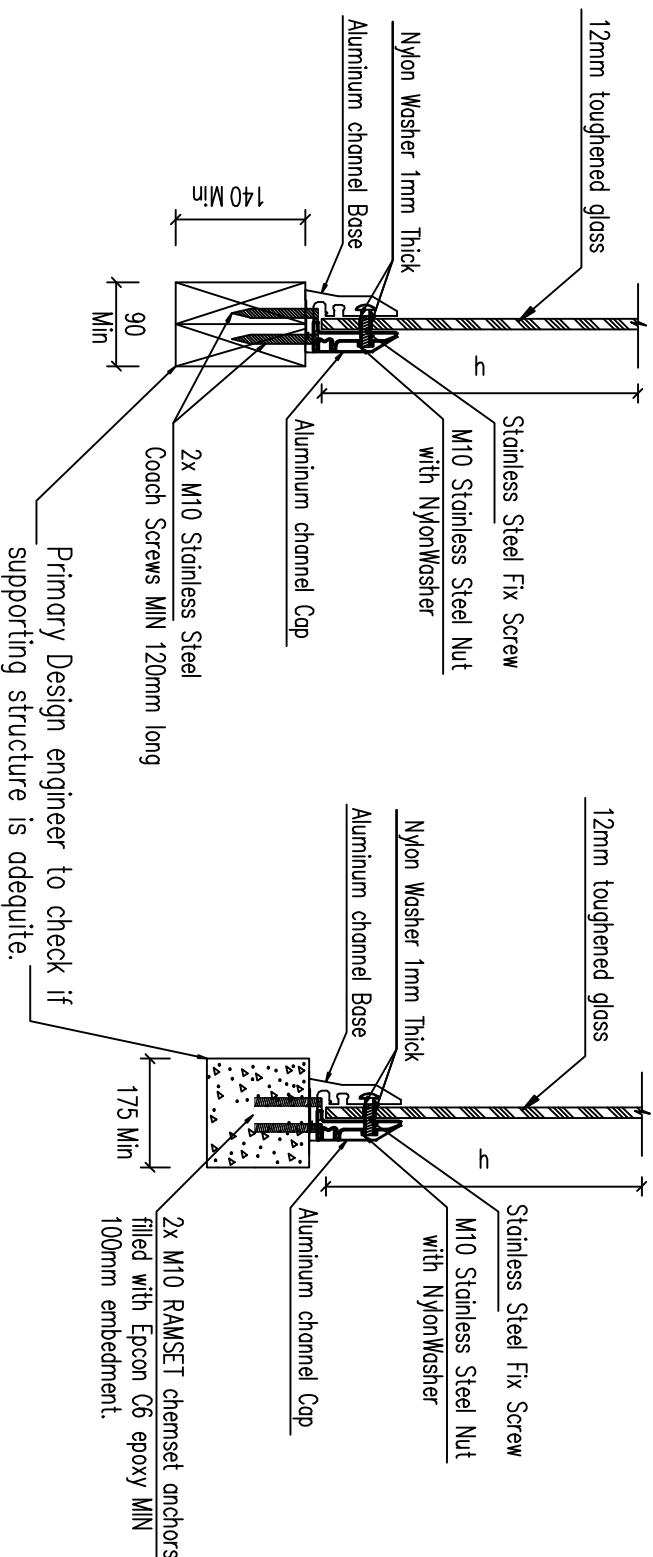
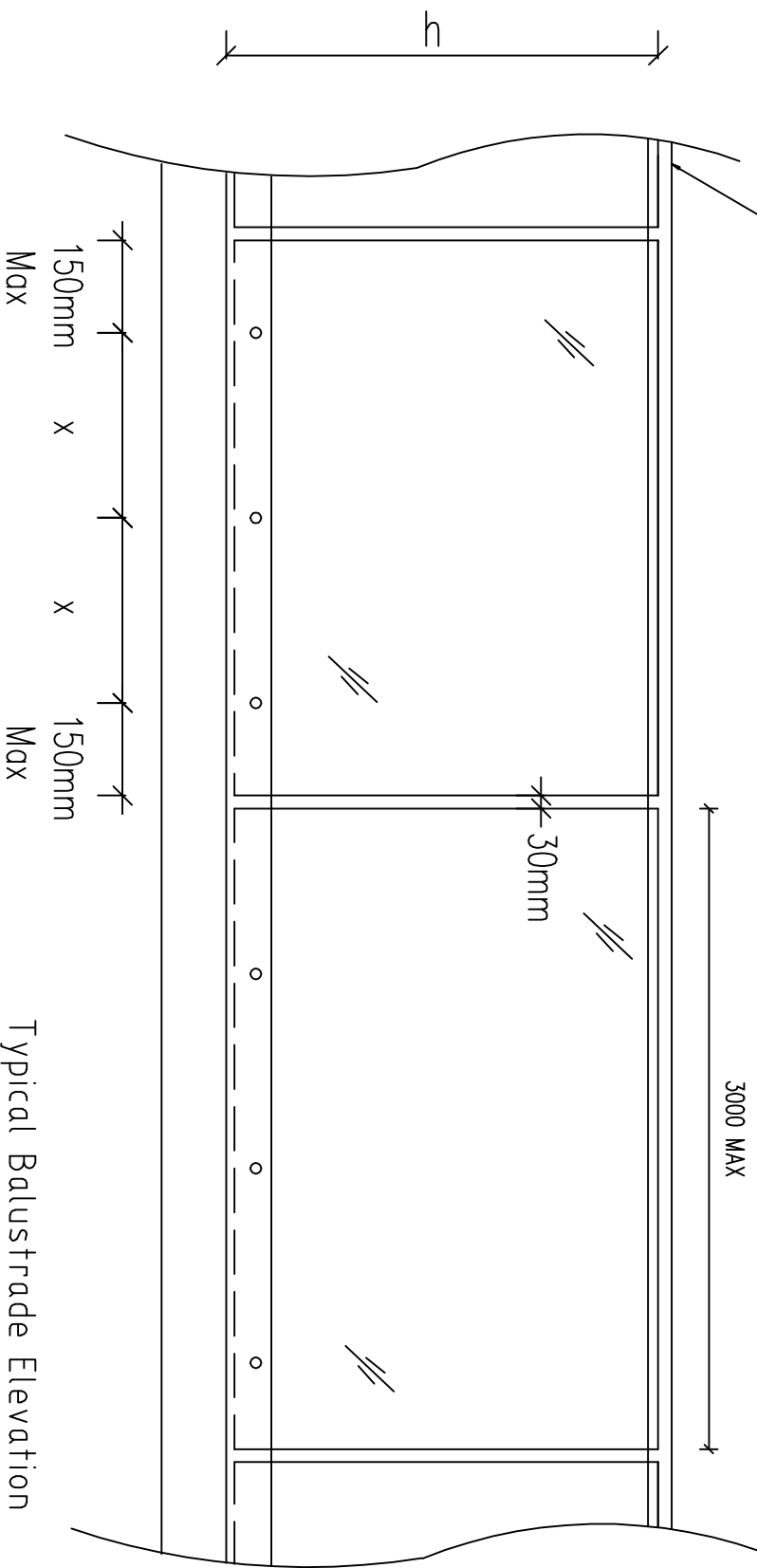


Aluminium Channel System

Top rail continuous full length of balustrade
Fixed to building each end, using sharpeye's top rail end cap.




Primary Design engineer to check if supporting structure is adequate.

Notes:

1. Decking floor should be less than 25mm overhang past boundary joist to fit our standard size spacers.
2. An independent structural engineer is required to check if supporting structure is code compliant.
3. Dimensions h,x, and glass thickness – refer to attached schedule.

Timber Fixing

Concrete Fixing

 SharpEye LTD Ph : 0064-9-443 4450 Fax : 0064-9-443 4470 Email : sales@sharpeye.co.nz 22 Porana Road, Glenfield, Auckland, New Zealand	CUSTOME NAME		DESIGN	PROJECT: SHARPEYE 3 in 1 Aluminium Channel FRAMLESS BALUSTRADE&DECK REQUIREMENT		CUSTOMER SIGNED	Sheet
	ORDER NUMBER		APPROVED	DATE:			S5

Sharpeye Glass Balustrade Dimension Schedule - Aluminium Channel System

Wind Zone Information	
NA	= Does not comply
H	= High wind zone
VH	= Very High wind zone
EH	= Extra High wind zone

Balustrade System (External use)	Wind Zone compatibilities (MAX wind zone for each system)				
	Glass thickness (mm)	Height h (mm)	MAX x (mm)	MIN y (mm)	Concrete Chemset fixing
Aluminium Channel 1	12	1200	266	NA	NA

Balustrade System (Internal use)	Fixing type				
	Coach screw fixing	Bolt to timber fixing	Bolt to steel fixing	Concrete Chemset fixing	
Aluminium Channel 1	OK	OK	NA	NA	Na

Pool Fence System	Fixing type				
	Coach screw fixing	Bolt to timber fixing	Bolt to steel fixing	Concrete Chemset fixing	
Aluminium channel 1	VH	VH	NA	NA	NA

*Any balustrade systems outside of this table requires specific engineering design.