Section A - A

68

Axiom product code: PRR
Handrail held in place with 2n°
10g x 20mm long S/S screws

60

Axiom product
code: DRH

85.3

13

Axiom product code: HB38
Stainless steel glass
mounted handrail bracket

1050

Axiom 12mm thick toughened glass.
Glass to be in accordance with AS1288.

Axiom product code: SG9872-R1
Internal rubber

Axiom product code: SG9872-R25
External rubber

78

Axiom product code: SG9872
Dry glazing channel

Axiom product code: SG9872GCB
Glass clamp kit

106

76

Axiom product code: SG9872AL-CP
Channel cover plate.

Drill a 12mm diametre hole with 25mm
countersink in the centre of the channel.
Hole centres to be at   centres

50
Minimum
edge distance

LIVE EDGE

75
minimum
embedment

Axiom product code: CSB10120
Size: 120mm long
Countersunk screw bolt in carbon steel
plated with bright zinc and a chromate
treatment.

Additional items to order
Rubber to cut and fit into the channel between each panel of glass, Axiom product code: SG9872GR
Stainless steel joining pins to join channels together, Axiom product code: SG9872JP
Channel end caps, Axiom product code: SG9872ECB

Elevation

A

Wall

150
Min

Dim A

150
Min

1200
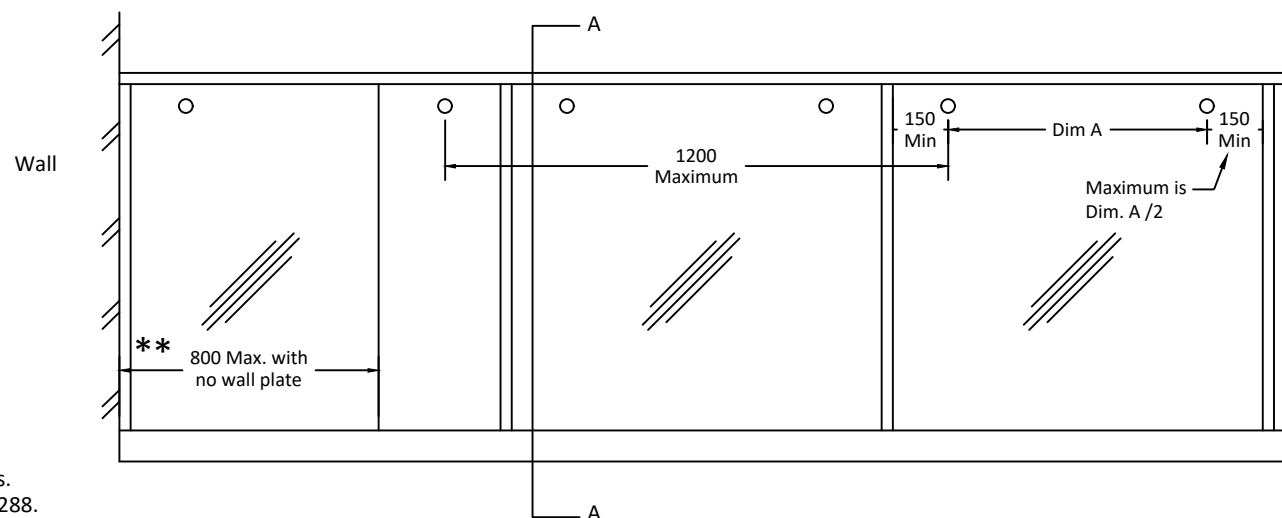Maximum

Maximum is
Dim. A /2

** 800 Max. with
no wall plate

A

Elevations are for illustration purpose only.

Glass to be in accordance with AS1288 and
AS 2208, with a minimum surface compression
of 69 MPa.

Glass must be blocked and set in frame in
accordance with AS1288 to ensure the glass can
not dislodge.

Channel to bear hard on concrete, Pack hard with
grout as required.

Channel fixed down with a 10mm countersunk
carbon steel screw bolt 120mm long @ 300mm
centres.
75mm Min. embedment and
50mm edge distance.

Concrete slab to be verified by project
engineer as structurally suitable to
safely support balustrade loads.

Designed for C3 classification barrier in
accordance with AS1170.1
Designed horizontal live load = 0.75kN/m
Designed infill live load = 1.0 kPa
Designed for wind in accordance with AS1170.2
(refer to table)

Additional requirements for toughened safety
glass are required where the balustrade is more
more than 5 metres above floor / ground.
Refer AS1288 / Amdt. 2 / 2011-11-11. clause 3.8

All aluminium to be 6106 T6 grade U.N.O.
All fixings to be A2 / 304 stainless steel U.N.O.

Top of handrail to be 1000mm Min. from FFL.

When Axiom products are concealed or in contact
with screed, tile bed or another item that could
cause corrosion, Axiom products must be
adequately protected to prevent any corrosion.

It is the installers responsibility to ensure that any
dissimilar metals are kept separated. Axiom Group
recommends the use of nylon washers to keep
dissimilar metals separated.

* Read this drawing in conjunction with the
relevant engineering drawings. All products must
be installed as specified by the engineer.