



STANDARD CLEARVIEW GLAZED BALUSTRADE

(AXIOM AXFLCS BALUSTRADE)

(SCALE : 1:2)

POST SCHEDULE		
HEIGHT	POST SPACING	GLASS THICKNESS
1100 MAX.	1300 mm CRS. MAX.	
1050 MAX.	1350 mm CRS. MAX.	6 mm TOUGHENED SAFETY GLASS, WITH MINIMUM SURFACE COMPRESSION OF 90 MPa OR, 8 mm TOUGHENED SAFETY GLASS, WITH MINIMUM SURFACE COMPRESSION OF 69 MPa
1200 MAX.	1000 mm CRS. MAX.	
1700 MAX.	1000 mm CRS. MAX.	10 mm TOUGHENED SAFETY GLASS, WITH MINIMUM SURFACE COMPRESSION OF 69 MPa. (PRIVACY SCREEN ONLY. NOT TO BE USED AS BALUSTRADE UNLESS FITTED WITH ADDITIONAL HANDRAIL TO POSTS @ 1050 MAX. HEIGHT ABOVE BASE. HANDRAIL TO BE FIXED TO EACH POST WITH MATCO TC 100SC HANDRAIL BRACKETS INSTALLED TO MANUFACTURERS SPECIFICATION. HANDRAIL TO BE FIXED TO BRACKET WITH MIN. 2 x 14g SCREWS
		ALUMINIUM THICKNESS
		6061-T6 GRADE
		5005-H34 GRADE
		4 mm
		6 mm
		8 mm

**NOTE : ALL ALUMINIUM TO BE 6060 T5 GRADE
ALL SCREW FIXINGS TO BE STAINLESS STEEL**

DESIGN HORIZONTAL LIVE LOAD = 0.75 kN/m, DESIGN INFILL LIVE LOAD = 1.0 kPa
DESIGNED FOR C3 CLASSIFICATION IN ACCORDANCE WITH AS.1170.1
APPLICABLE FOR WIND REGIONS A & B TO AS.1170.2, TERRAIN CATEGORY 2 IN ACCORDANCE WITH AS.1170.2 FOR BALUSTRADE UP TO 1200 mm MAX. HEIGHT
REGION A MAXIMUM BUILDING HEIGHT 50 m
REGION B MAXIMUM BUILDING HEIGHT 10 m
APPLICABLE FOR WIND REGION A, TERRAIN CATEGORY 3 IN ACCORDANCE WITH AS.1170.2 FOR BALUSTRADE OVER 1200 AND UP TO 1700 mm MAX. HIGH.
MAX. BUILDING HEIGHT = 10 m.

NOTE : ADDITIONAL REQUIREMENT FOR TOUGHENED SAFETY GLASS ARE REQUIRED
WHERE BALUSTRADE IS MORE THAN 5 metres ABOVE FLOOR / GROUND.
REFER AS. 1288 / AMDT 2 / 2011-11-11, CLAUSE 3.8

AXIOM GROUP	
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DESIGNED: RC	DATE: JAN '14
DRAWN: AB	SCALE: 1:2
REF. No.	ROLL No.

CLIVE STEELE PARTNERS PTY LTD	
CONSULTING ENGINEERS - STRUCTURAL & CIVIL	
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REV.	COMMENTS	DATE
D	ALUMINIUM INFILL PANEL OPTIONS ADDED	09.04.2015
C	REFERENCE FOR GLAZING ABOVE 5m AMENDED	24.11.2014
B	ADDITIONAL BALUSTRADE HEIGHT SCHEDULE ADDED	22.08.2014
A	ISSUED FOR CONSTRUCTION	9.01.2014

STANDARD CLEARVIEW GLAZED BALUSTRADE SYSTEM, AXIOM AXFLCS BALUSTRADE (POST SCHEDULE)

CONCRETE SLAB MOUNT

DRG. No. 16996 - C - S02

REV. D