

160 SOLID STAINLESS STEEL BAR SPIGOT WELDED TO UNDERSIDE OF STAINLESS TUBE HAND RAIL. BTM OF SPIGOT WELDED TO UNDER SIDE OF CAP PLT PRIOR TO ASSY WELDED & BLENDED INTO BALUSTER. THIS METHOD AVOIDS UNSIGHTLY WELDS TO LINE OF VIEW.

STAINLESS STEEL TUBE TOP RAIL WELDED TO SPIGOT TO FORM PANEL UNIT. GENERAL SIZE OF TUBE WOULD BE 42.40*2.6 C.H.S. WHICH COMPLIES WITH MOST BUILDING REGULATIONS.

**TYPICAL MATERIALS
STAINLESS STEEL**

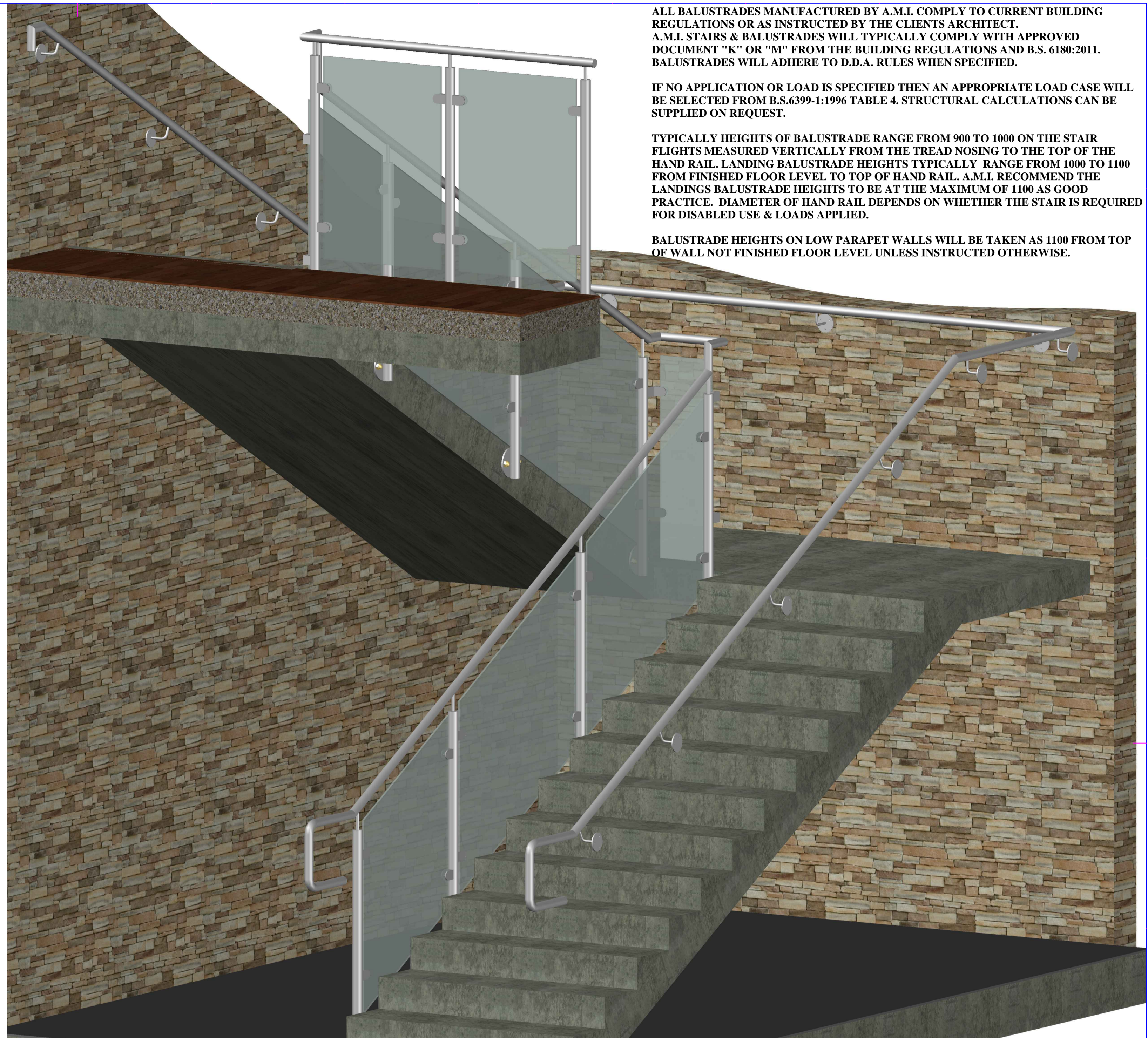
- BALUSTERS** = 48.30*3.2 C.H.S.
- TOP RAIL** = 48.30*3.2 C.H.S.
- CORE RAIL & TIMBER OPTIONAL**
- BASE PLATE** = 1400*8 PLT
- BOLTS** = 2-M120 8.8
- GLASS** = 10mm CLEAR TOUGHENED
- SATIN FINISH TO STAINLESS STEEL.**

GLASS INFILL PANELS USED ARE GENERALLY 10mm THICK TOUGHENED GLASS.

CIRCULAR STAINLESS STEEL BASE PLT WELDED TO STAINLESS TUBE BALUSTER THROUGH CENTRAL SLOT IN PLT FROM REAR. THIS METHOD AVOIDS UNSIGHTLY WELDS IN SIGHT LINE.

TWO PART CAST GLASS CLAMP SYSTEM BY "GLASS CLAMPS (UK)Ltd." WELDED TO STAINLESS TUBE BALUSTERS.

BTM POST GENERALLY BOLTED TO STRINGER OR TOP OF TREAD TO AVOID COMPROMISING UNDER FLOOR HEATING. A SECOND OPTION IF SPECIFIED WOULD BE TO OMIT THE DETAIL SHOWN LEFT & BOLT A POST TO THE FINISHED FLOOR UP TO THE HAND RAIL & SUPPORT THE GLASS INFILL PANEL.

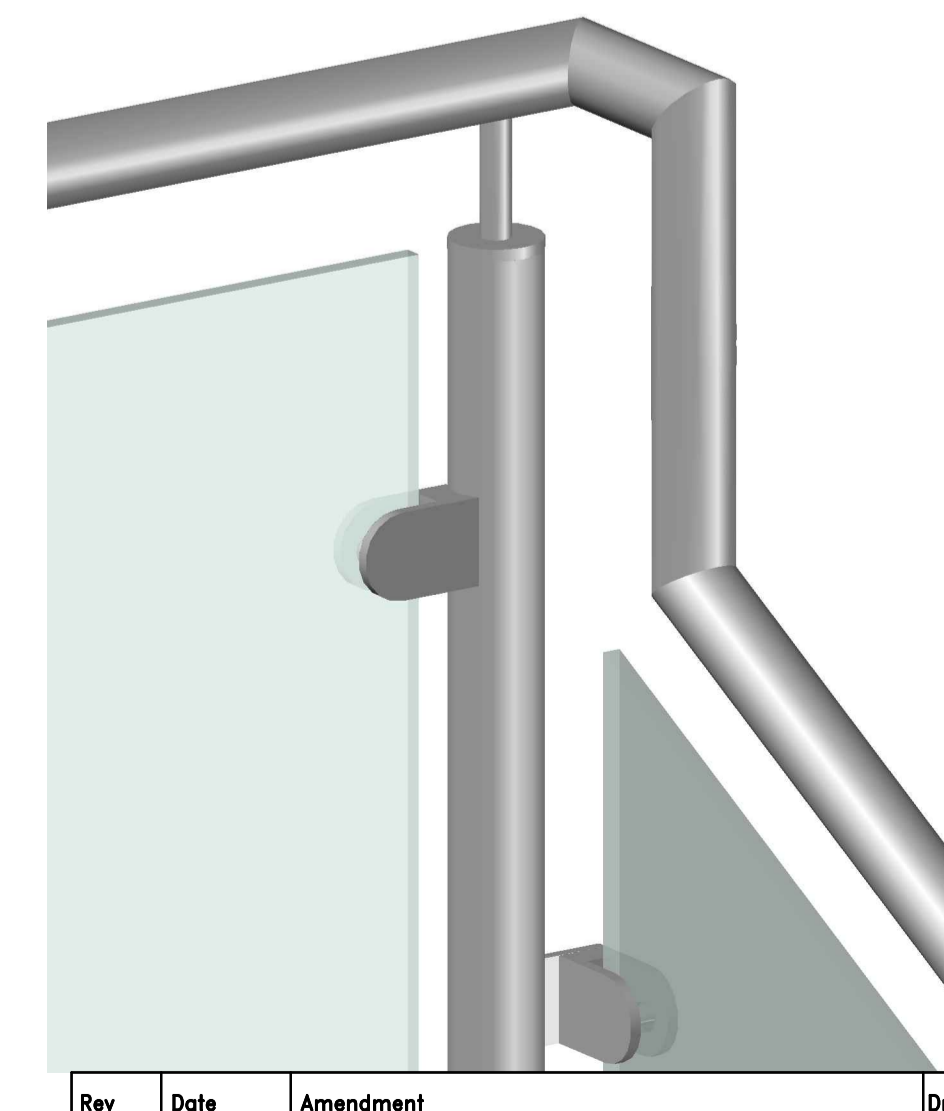
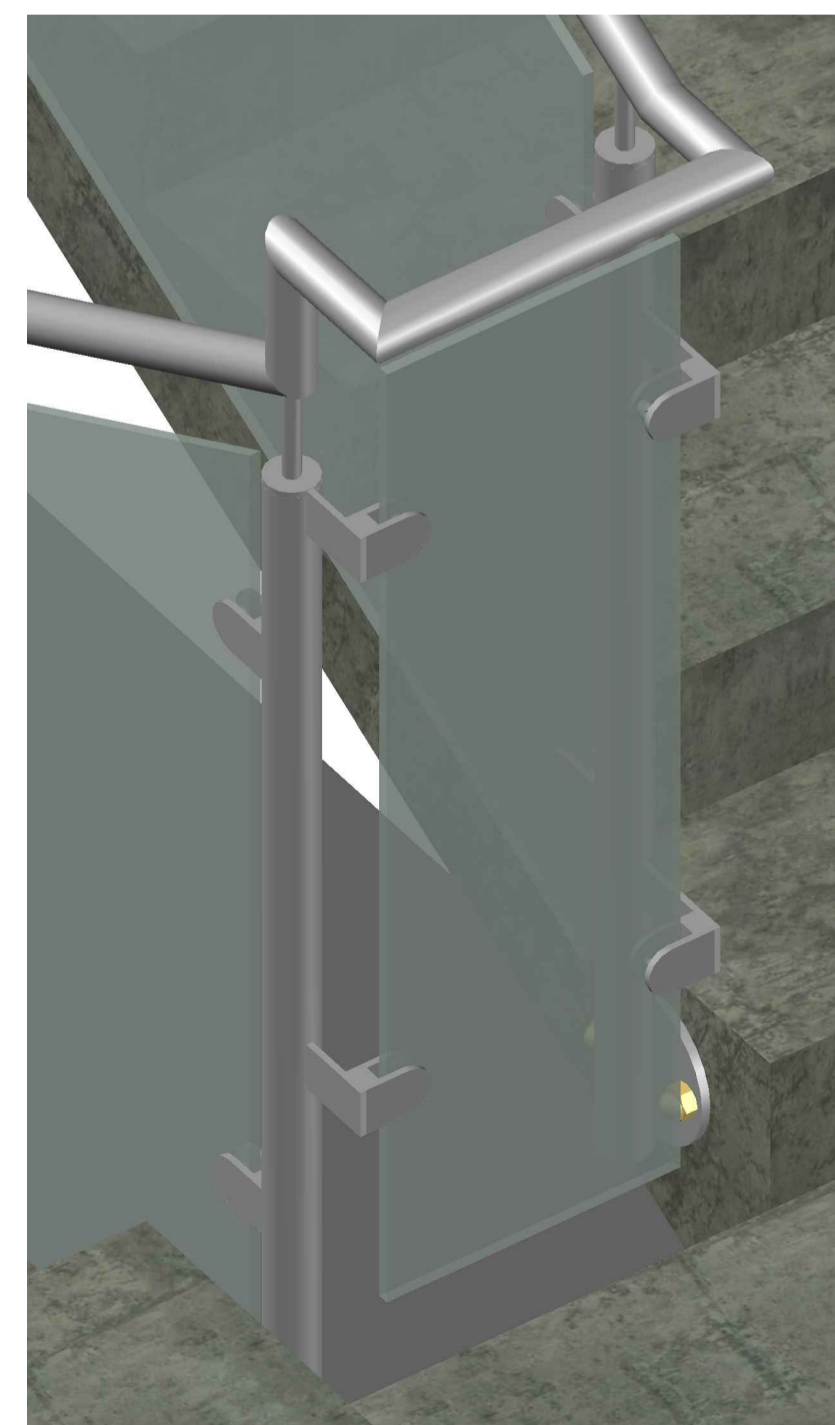
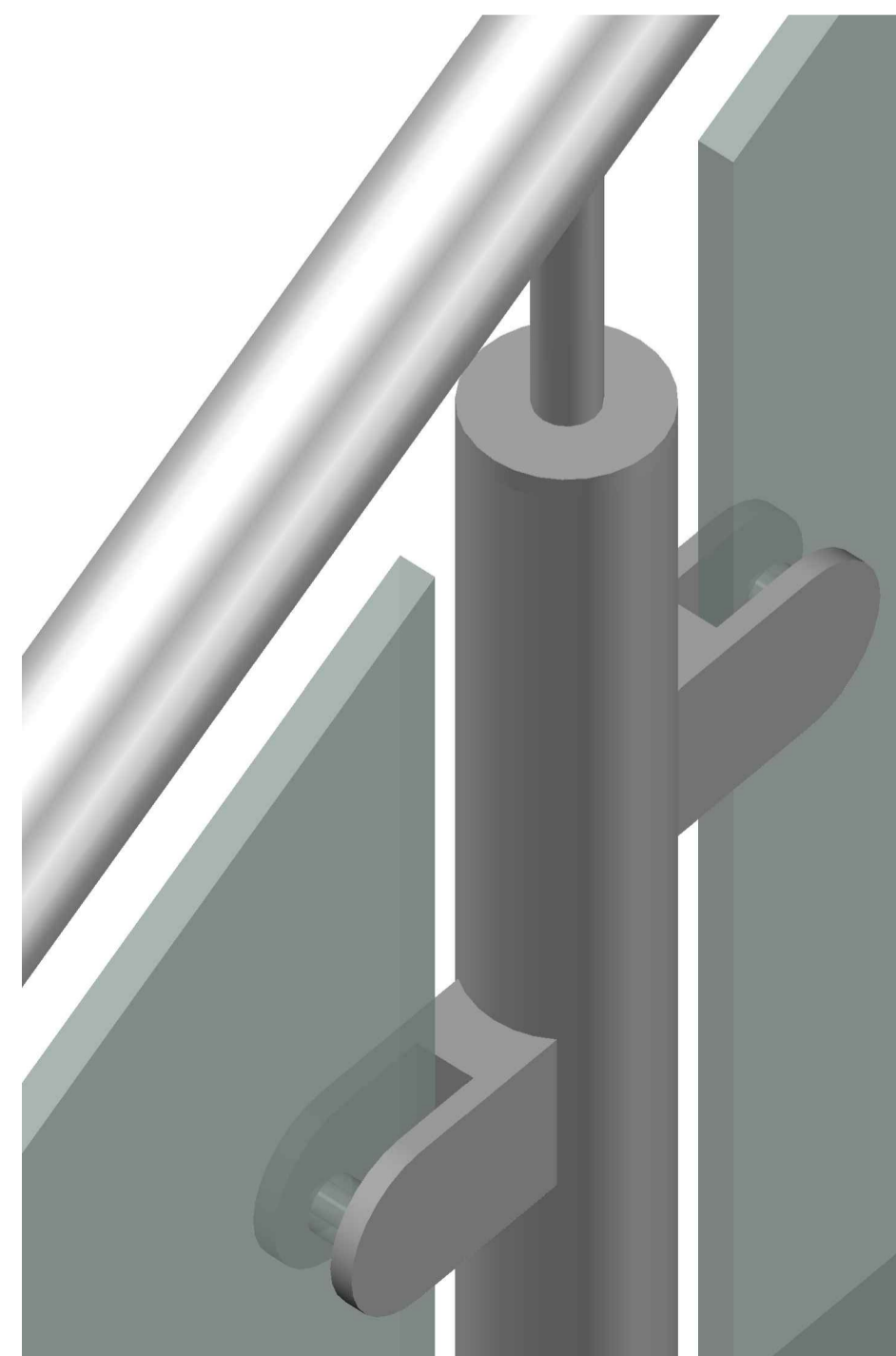


ALL BALUSTRADES MANUFACTURED BY A.M.I. COMPLY TO CURRENT BUILDING REGULATIONS OR AS INSTRUCTED BY THE CLIENTS ARCHITECT. A.M.I. STAIRS & BALUSTRADES WILL TYPICALLY COMPLY WITH APPROVED DOCUMENT "K" OR "M" FROM THE BUILDING REGULATIONS AND B.S. 6180:2011. BALUSTRADES WILL ADHERE TO D.D.A. RULES WHEN SPECIFIED.

IF NO APPLICATION OR LOAD IS SPECIFIED THEN AN APPROPRIATE LOAD CASE WILL BE SELECTED FROM B.S.6399-1:1996 TABLE 4. STRUCTURAL CALCULATIONS CAN BE SUPPLIED ON REQUEST.

TYPICALLY HEIGHTS OF BALUSTRADE RANGE FROM 900 TO 1000 ON THE STAIR FLIGHTS MEASURED VERTICALLY FROM THE TREAD NOSING TO THE TOP OF THE HAND RAIL. LANDING BALUSTRADE HEIGHTS TYPICALLY RANGE FROM 1000 TO 1100 FROM FINISHED FLOOR LEVEL TO TOP OF HAND RAIL. A.M.I. RECOMMEND THE LANDING BALUSTRADE HEIGHTS TO BE AT THE MAXIMUM OF 1100 AS GOOD PRACTICE. DIAMETER OF HAND RAIL DEPENDS ON WHETHER THE STAIR IS REQUIRED FOR DISABLED USE & LOADS APPLIED.

BALUSTRADE HEIGHTS ON LOW PARAPET WALLS WILL BE TAKEN AS 1100 FROM TOP OF WALL NOT FINISHED FLOOR LEVEL UNLESS INSTRUCTED OTHERWISE.



A.M.I.

Unit 12a, Hunter Park,
Callywhite Lane,
Dronfield, S18 2XP
Tel: 01246 413378
Fax: 01246 414494
Email: info@ami-sheffield.co.uk

CLIENT

PROJECT

DRAWING TITLE

**SATURN
BALUSTRADE DETAILS**

DRAWN BY CHECKED BY DATE SCALE

PROJECT No. DRAWING No. REV

Rev	Date	Amendment	Drawn	App