EXCALIBUR LEVEL AND STAIR RAIL DETAILS

END POST WITH WELDED BRACKETS

NOTES:
POST INCLUDES BRACKET COVERS TO HIDE FASTENERS

LENGTH B

LENGTH D

LEVEL RAIL PANEL
W/ SQ BALUSTERS

STD POST CAP

END POST

2 PC POST TRIM

LENGTH A

LENGTH B

LENGTH C

CENTER TO CENTER

SECTION D-D
SCALE 1 : 20

STAIR RAIL PANEL

STAIR AVAILABLE IN
6' AND 8' LENGTHS,
36" AND 42" RAIL HEIGHTS.

3.17 TYP

BLANK POST ASSEMBLY

3.85 TYP

NOTES:
STAIR KITS HAVE A WORKING RANGE OF 0-38 DEGREES.

NOTE:
(A) FINISHED RAIL HEIGHT = 36", 38", 42"
(B) PANEL LENGTH = 71.75", 95.75", 119.75"
(C) MAX SPAN = 96.00" X 42 IBC, 96.00" X 36 IRC
(D) BOTTOM SPACE = 1.75", 3.75"

NOTES:
STAIR KITS HAVE A WORKING RANGE OF 0-38 DEGREES.
DECORATIVE PANEL

SERPENTINE
71.75"x34"

SERPENTINE
95.75"x34"

SERPENTINE
71.75"x40"

SERPENTINE
95.75"x40"

MOSAIC
71.75"x34"

MOSAIC
95.75"x34"

MOSAIC
71.75"x40"

MOSAIC
95.75"x40"

TOLERANCES

FRACTION ±1/16

XX ±0.01

XXX ±0.005

ANGLE ±1.0°

FINISH 125 RMS

UNLESS OTHERWISE SPECIFIED

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NOTES:
A = 38", 40", 46"
B = 38", 40", 44", 46", 48"
C = 1.75", 3.75"

NOTE: BRACKET KITS INCLUDE (EXCEPT BLANK AND FASCIA POST), POST TOP, BRACKET COVERS, TRIM RING, VINYL SHIMS, HEX HEAD MOUNTING SCREWS AND HEX BIT FOR ATACHEMTN TO STEEL OR WOOD POST.

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NOTE:
1. FLUSH BRKT USED TO ATTACH WOOD/DECK BOARD. FASTENERS ARE INCLUDED.
EXCALIBUR POST MOUNT CONNECTIONS

NOTE:
BRACKETS ARE NOT INCLUDED WITH FASCIA POST. THEY WILL NEED TO BE BOUGHT AND INSTALLED SEPARATELY.

POST BASE CONNECTIONS INTO WOOD WITH THRU BOLTS

NOTE:
1. COMMERCIAL APPLICATIONS ARE ALWAYS BOLTED, USE 3/8" DIAMETER A307 THROUGH BOLTS INTO SOLID WOOD BLOCKING.
2. WOOD BLOCKING BY OTHERS.
3. BLOCKING MUST BE DESIGNED TO WITHSTAND PROPER LOADING.

USE 3/8" DIAMETER THROUGH BOLTS (MINIMUM LENGTH 5") INTO WOOD MEMBERS WITH MINIMUM EMBEDMENT DEPTH OF 4" INTO SOLID WOOD.

NOTE:
COMMERCIAL APPLICATIONS ARE ALWAYS BOLTED, USE 3/8" DIAMETER A307 THROUGH BOLTS INTO SOLID WOOD BLOCKING.

NOTE:
USE 4-3/8"X7" LONG WEDGE ANCHORS USE SIMPSON SET EPOXY INTO CONCRETE WITH 5" EMBEDMENT DEPTH

USE 3/8" DIAMETER THROUGH BOLTS (MINIMUM LENGTH 5") INTO WOOD MEMBERS WITH MINIMUM EMBEDMENT DEPTH OF 4" INTO SOLID WOOD.