NOTES

1. MATERIAL: STEEL, STRUCTURAL, HOT-ROLLED, to EN 10149-2 Gr.S275JR 4.0mm THK
   FINISH: RAW

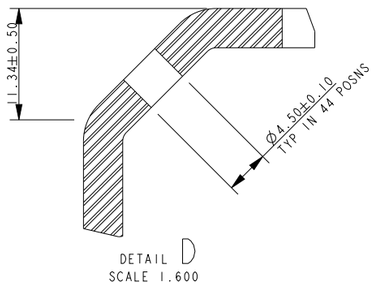
2. TOLERANCES ADDED TO DRAWING DIMENSIONS TAKE PRECEDENCE OVER OTHER TOLERANCES. DIMENSIONS MARKED CRITICAL OR PROCESS WILL BE MEASURED DURING CpK.

3. UNFINISHED (SHEET METAL / RAW) PARTS: ALL EDGES SHALL BE CONDITIONED FOR HANDLING WITH BURRS NO GREATER THAN 10% MATERIAL THICKNESS ACCORDING TO ISO 13715, AND MUST CONFORM TO UL 1439.

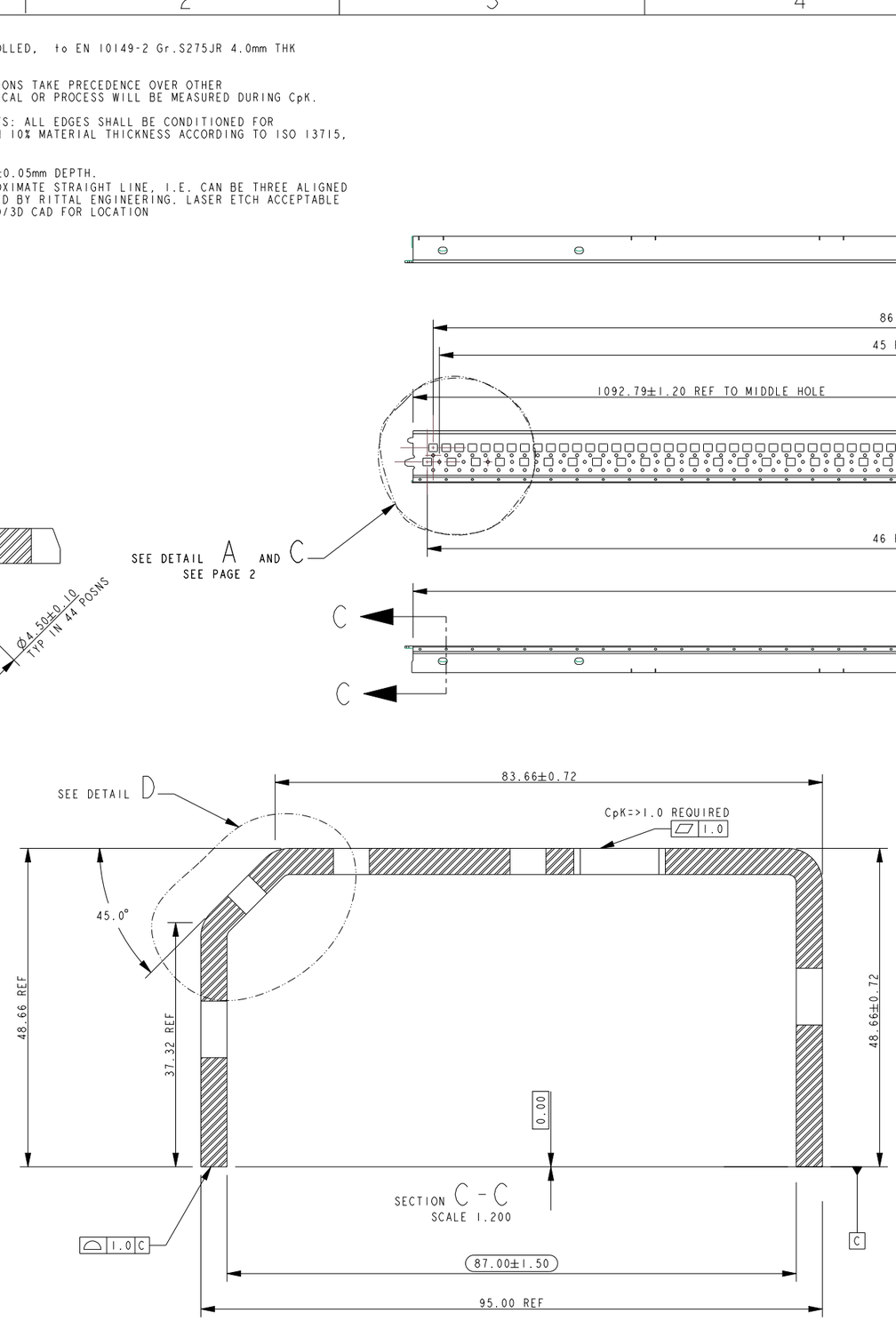
4. [4] PROCESS LOCATION IDENTIFIER, 0.20 ±0.05mm DEPTH.
   FORM NOT CRITICAL, MUST BE AN APPROXIMATE STRAIGHT LINE, I.E. CAN BE THREE ALIGNED DOT PUNCHES, OR ALTERNATIVE APPROVED BY RITTAL ENGINEERING. LASER ETCH ACCEPTABLE POSITIONS NOT DETAILED, REFER TO 2D/3D CAD FOR LOCATION

5. REFERENCE DRAWINGS: Na.

REV.	CHANGE	ECN	DATE	NAME	ZONE
A	CREATED		20/03/25	M.T	-
B	MATERIAL CHANGE		09/10/25	B.B	A1
C	DESIGN FREEZE		12/02/26	DPW	



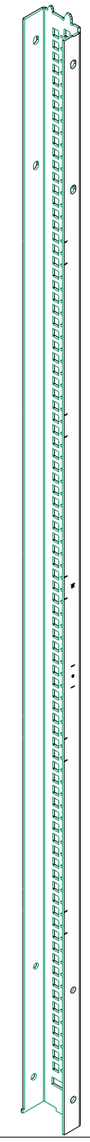
DETAIL D
SCALE 1.600



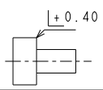
SECTION C - C
SCALE 1.200

DETAIL E
SCALE 0.200

DETAIL B
SCALE 0.750



FEATURES WITHOUT TOLERANCES SHALL USE THE FOLLOWING TABLE:		SOFT TOOL TOLERANCE TABLE +4MM SPECIFIC				
FEATURE TYPE TABLE		DIM. VALUE (X)				
#	TYPE	0 < X < 6	6 < X < 30	30 < X <120	120 < X < 900	900 < X
1	Feature to feature (same operation)	0.18	0.18	0.23	0.23	0.30
2	Feature to feature (different operation)	0.35	0.40	0.40	0.45	0.45
3	Blank cutouts	0.10	0.13	0.18	0.30	0.38
4	Bend to cutout	0.72	0.72	0.72	0.72	0.72
5	Bend to bend or cuts w/bend between (same op)	0.72	0.72	0.72	0.72	0.72
6	Bend to bend (different operation)	0.90	0.90	0.90	0.90	0.90



Meta

THIRD ANGLE PROJECTION.

ALL DIM'S ARE IN MM.

MASS APPROX. 10.9 Kg

FOR UNSPECIFIED DIMENSIONS REFER TO 3D CAD, UNDIMENSIONED FEATURES TO BE INTERPRETED FROM 3D CAD FILE AND TOLERANCES FROM TOL. TABLE ANGLES : ±1.0°

CRITICAL DIMENSION

SCALE 0.10 @ A3

MATERIAL STEEL_S275JR_HR_EN10025-2 4.0 THK'

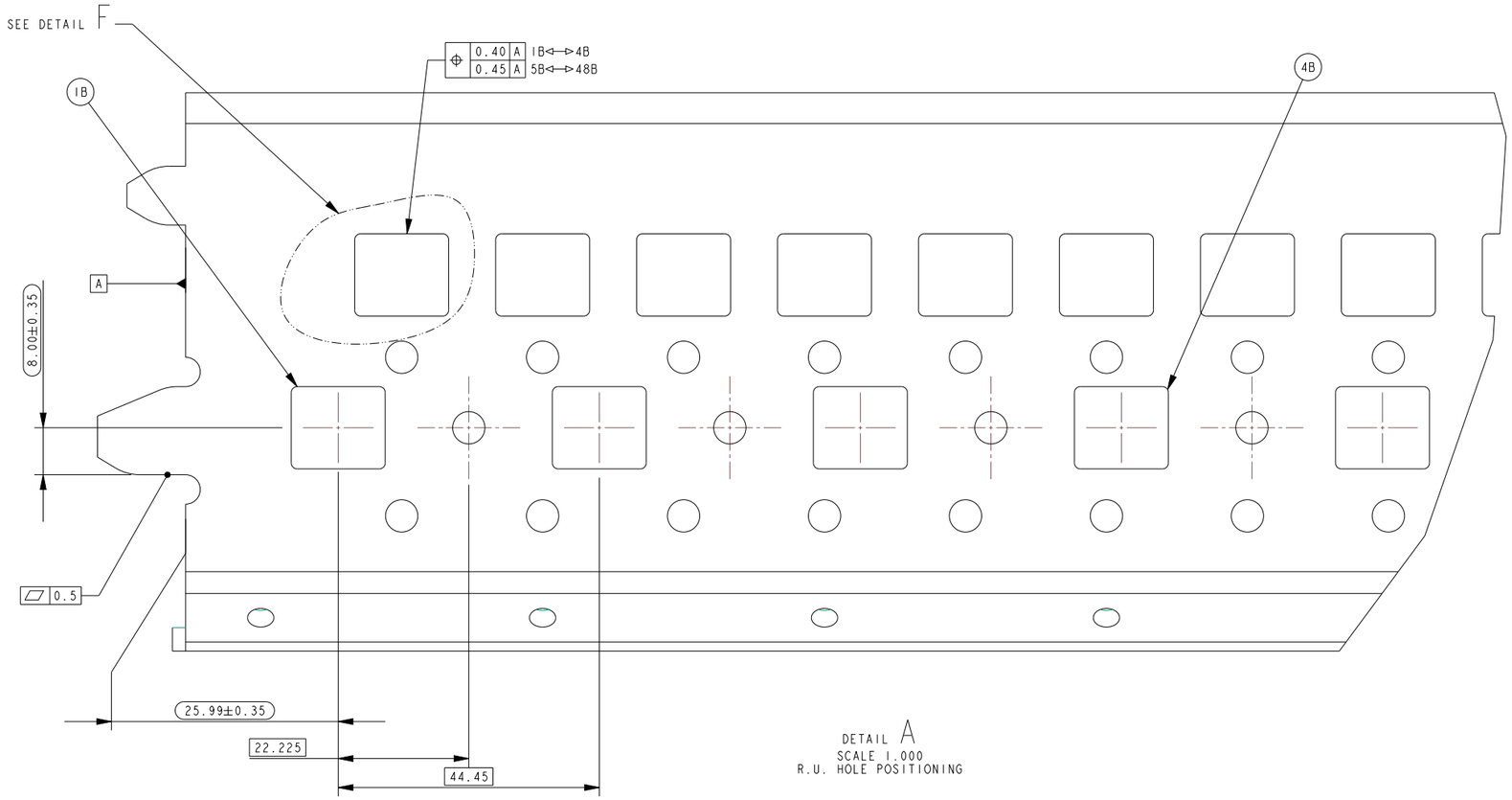
DESCRIPTION AQUATRON | META

INNER VERT VERSION 1 SM

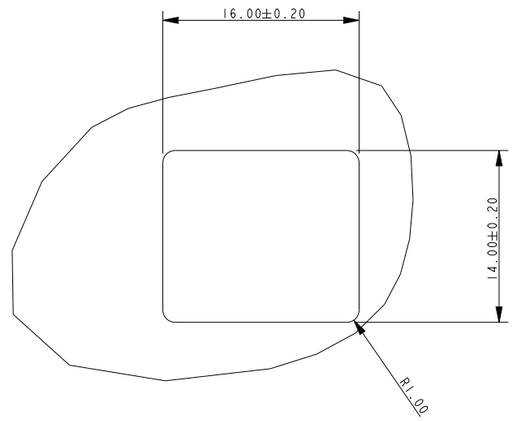
DWG No C36446

C

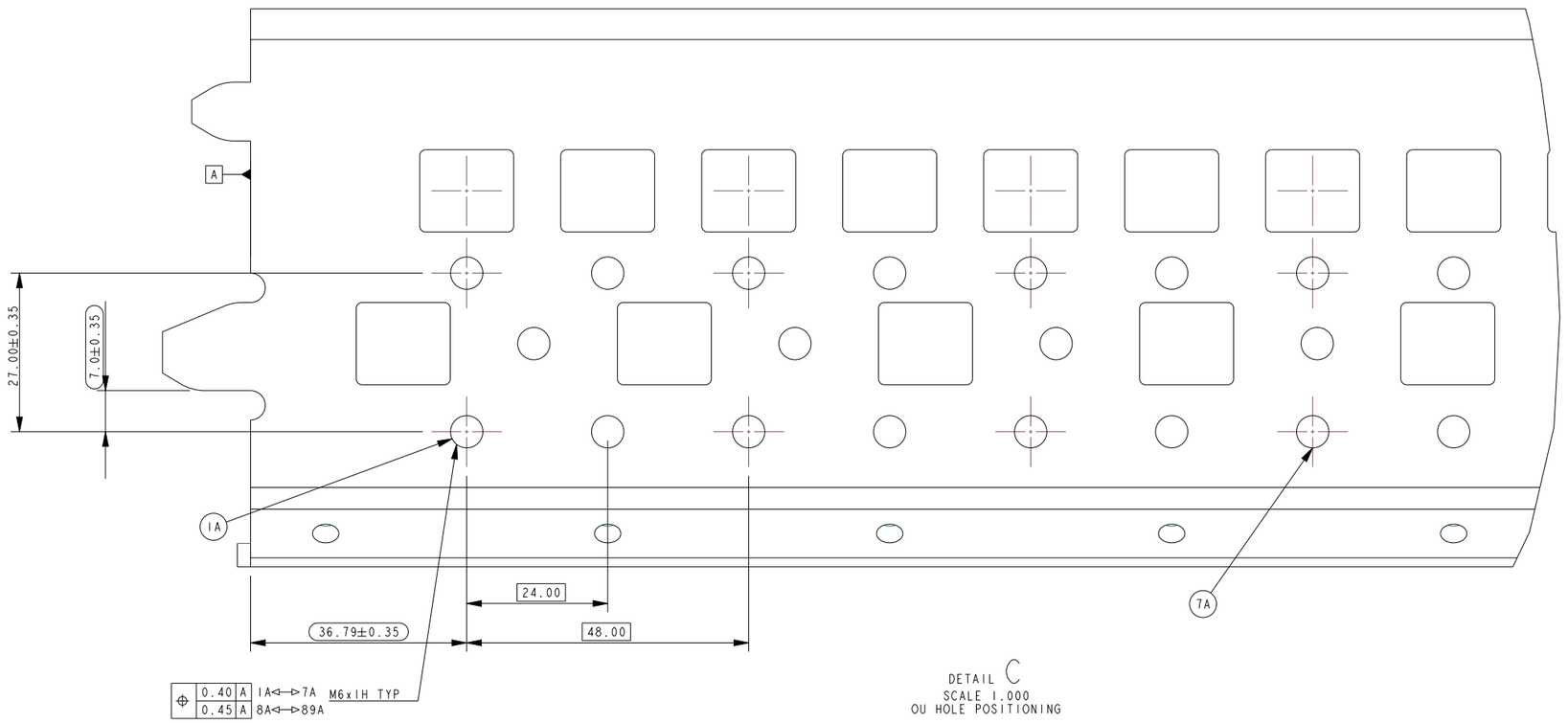
1 OF 2



DETAIL A
SCALE 1.000
R.U. HOLE POSITIONING



DETAIL F
SCALE 2.000
TYP



DETAIL C
SCALE 1.000
OU HOLE POSITIONING

SCALE 0.10 @ A3	
MATERIAL	
DESCRIPTION AQUATRON	META
INNER VERT VERSION 1 SM	
DWG No C36446	ISS. C
Cont'd	
DRAWING SHEET 2 OF 2	