

A

B

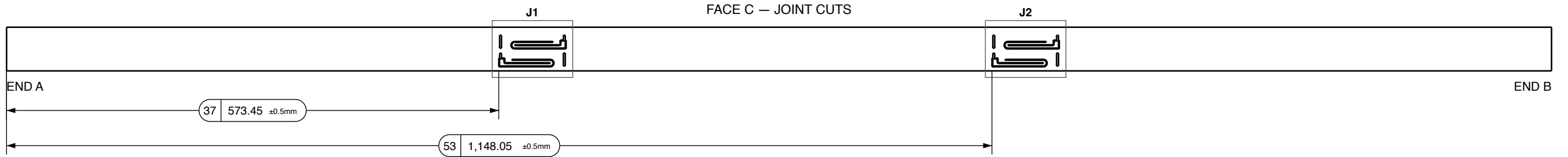
C

D

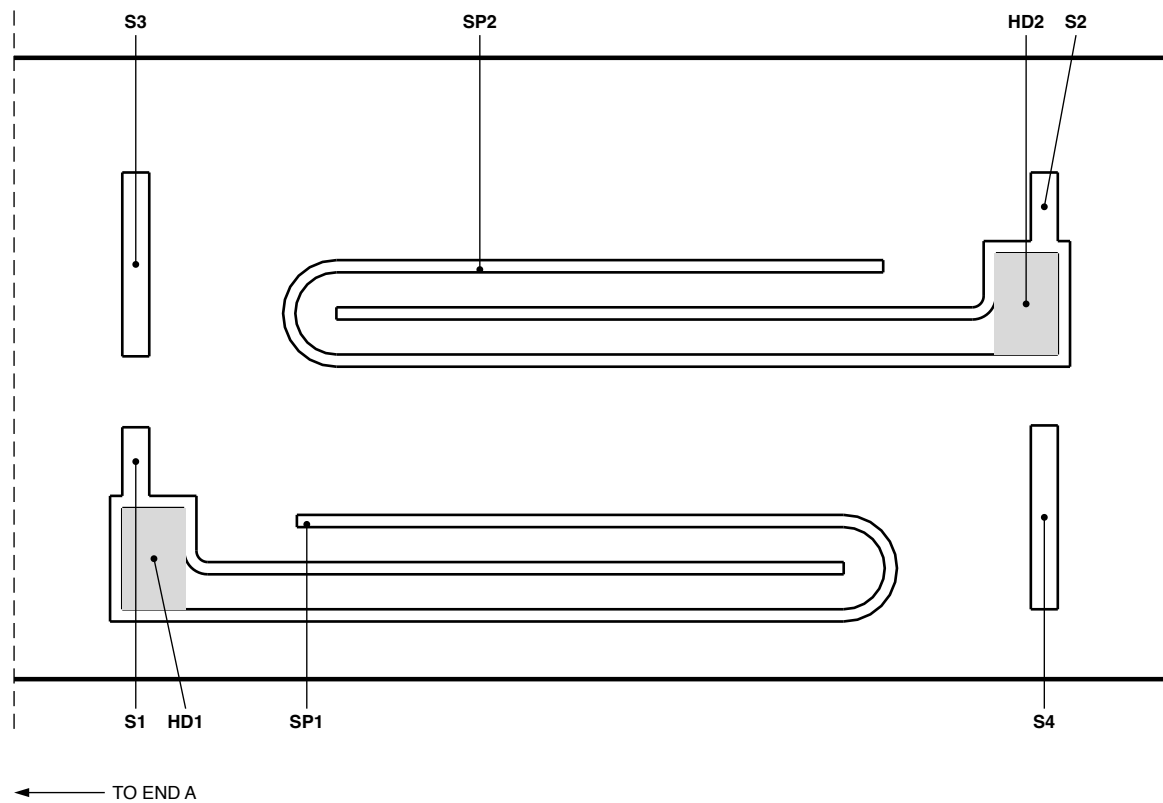
E

F

TUBE JOINT — HOOK + SPRING (SNAP)



DETAIL J1, J2 — FACE C (TYPICAL)



JOINTS							
Joint	Type	This tube	Mates with	Face	Slide	Springs	Welded
J1	HOOK + SPRING (SNAP)	receiving (slots)	Interior Support Tube	C	9.42	2 x 95 mm, 2 beams	Yes
J2	HOOK + SPRING (SNAP)	receiving (slots)	Interior Support Tube	C	9.42	2 x 95 mm, 2 beams	Yes

1. POSITIONS ARE FROM END A ALONG THE TUBE; ACROSS IS FROM THE FACE'S LOWER EDGE AS DRAWN.
2. SLOTS, SPRINGS AND TEETH ARE CUT ON THE TUBE LASER FROM THE IGS. DO NOT FORM OR BEND THE SPRINGS.
3. ASSEMBLE: DROP THE TEETH IN 9.42 mm BACK (HOOKS ON THE SPRING

- HEADS), PUSH HOME, SLIDE 9.42 mm UNTIL IT CLICKS.
4. THE JOINT IS WELDED AFTER IT SNAPS IN; THE SNAP ALIGNS, THE WELD HOLDS.
5. NUMBERED CHARACTERISTICS ARE THE INSPECTION CONTRACT.
6. DO NOT SCALE FROM THIS DRAWING — THE DIMENSIONS GOVERN.

SIZES

Char.	Dimension	Value
69	Spring (cut) length along the tube (4X)	64.35
70	Spring (cut) width across (4X)	15.88
71	Spring head length along the tube (4X)	5.18
72	Spring head width across (4X)	8.27
73	Short slot length along the tube (4X)	2.21
74	Short slot width across (4X)	5.61
75	Slot length along the tube (4X)	2.21
76	Slot width across (4X)	15.03

JOINT FEATURES

Joint	Tag	Feature	Face	From END A	Across	Along	Wide	Char.
J1	SP1	spring (cut)	C	573.45	4.71	64.35	15.88	37-38
J1	SP2	spring (cut)	C	587.6	25.55	64.35	15.88	39-40
J1	HD1	spring head	C	574.45	5.71	5.18	8.27	41-42
J1	HD2	spring head	C	645.77	26.55	5.18	8.27	43-44
J1	S1	short slot	C	574.45	14.98	2.2	5.61	45-46
J1	S2	short slot	C	648.75	35.82	2.21	5.61	47-48
J1	S3	slot	C	574.45	26.4	2.2	15.03	49-50
J1	S4	slot	C	648.75	5.71	2.21	15.03	51-52
J2	SP1	spring (cut)	C	1,148.05	4.71	64.35	15.88	53-54
J2	SP2	spring (cut)	C	1,162.2	25.55	64.35	15.88	55-56
J2	HD1	spring head	C	1,149.05	5.71	5.18	8.27	57-58
J2	HD2	spring head	C	1,220.37	26.55	5.18	8.27	59-60
J2	S1	short slot	C	1,149.05	14.98	2.21	5.61	61-62
J2	S2	short slot	C	1,223.35	35.82	2.2	5.61	63-64
J2	S3	slot	C	1,149.05	26.4	2.21	15.03	65-66
J2	S4	slot	C	1,223.35	5.71	2.2	15.03	67-68

Dept. QA	Technical reference	Created by AG	Weight	Thickness 3x2 14ga
		Document type Inspection - Tube cutting	Material ASTM A500 Gr B	
		Title TF Exterior Support Frame Exterior Support Frame Exterior Vertical Tube	DWG No. TF-ESF-EVT	
			Rev.	Date of issue Sheet 2/2