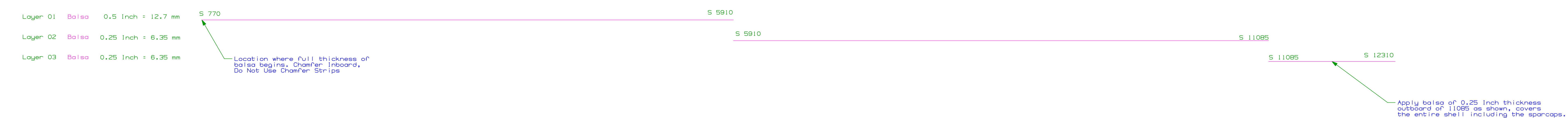
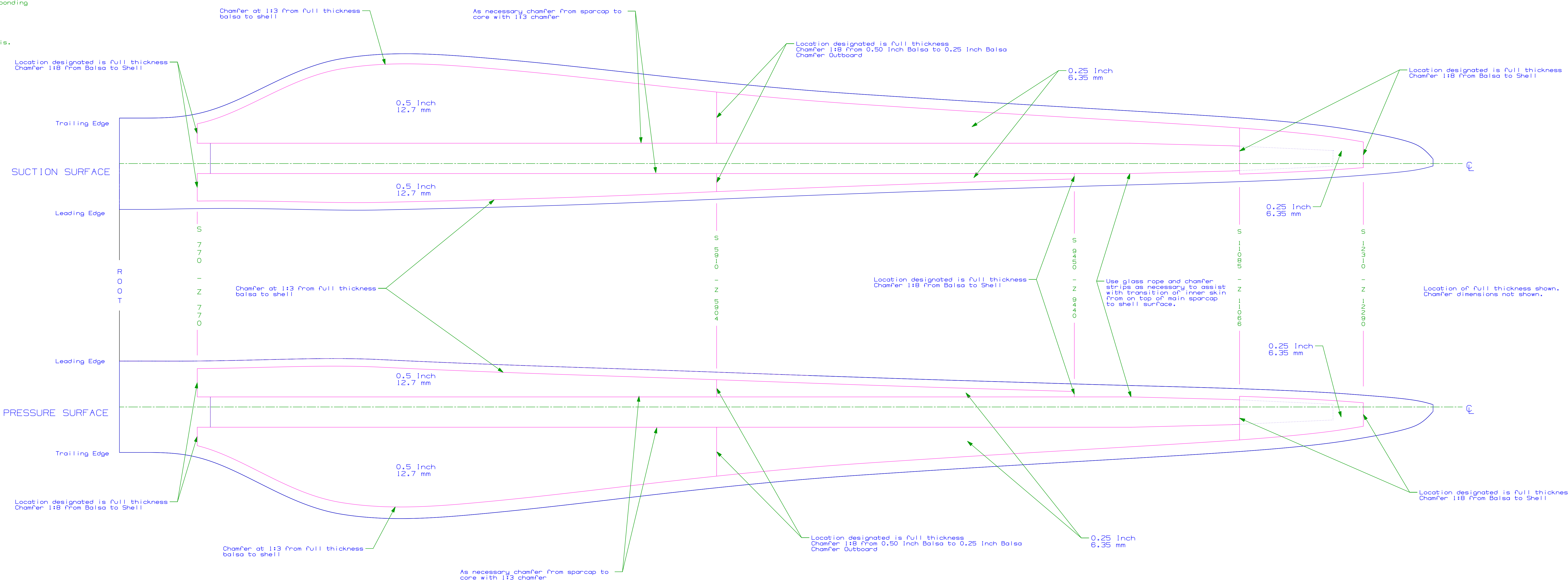


Note: S is measured along the arc length of the blade centerline. Z is measured along pitch axis.

Z stations denote the location of blade leading edge at the corresponding S station.

Planforms are shown flattened to illustrate fabric patterns. Patterns are approximate.

0° orientation is along the Z axis.



Lamination Schedule identical on pressure and suction surfaces

Trailing edge offset on pressure side greater than suction side to allow for blade closure.

Core From Main Sparcap to Leading Edge

Apply balsa of 0.25 and 0.50 inch thickness as shown from the main sparcap extending to leading edge.

Butt core against main sparcap.

Core From Main Sparcap to Trailing Edge

Apply balsa of 0.25 and 0.50 inch thickness as shown from the main sparcap extending to trailing edge.

Butt core against main sparcap.

Place core after main and trailing edge spar caps.

Scrim, score and punch.

Scrim side towards concave side of all curvature.

Tolerance:

- Chordwise Placement: ±5 mm
- Spanwise Placement: ±15 mm

Chamfer Core from Thick to Thinner

NO CORE ON SPARCAPS, Except where shown

CHAMFER BALSA SHEETS

- Spanwise: 8:1 Chamfer
- Chordwise: 3:1 Chamfer

DO NOT PLACE CORE WITHIN 75 mm OF LEADING EDGE SPLIT LINE

All material specifications are expressed as nominal values. Refer to detailed material specification for specific material properties.

MATERIAL	DESCRIPTION	AREAL WEIGHT	WIDTH
Balsa	Balsa 0.25 Inch (6.35 mm)	180 kg/m²	-
Balsa	Balsa 0.50 Inch (12.7 mm)	180 kg/m²	-

SNL 13m-225K-A Blade									
Release History				Sheet		Core			
Rel	Date	Description of Change	1/1	Released	Drawn By	Date	Released	Drawn By	Date
A	3/30/2016	Original		169-02-04-009	I	ASE	03/30/2016		
				Released Date	Drawn	ART	04/01/2016		
				03/30/2016	mm	RMB	04/04/2016		
				Scale	1:15	AO	04/06/2016		
				Notes		KKW			

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