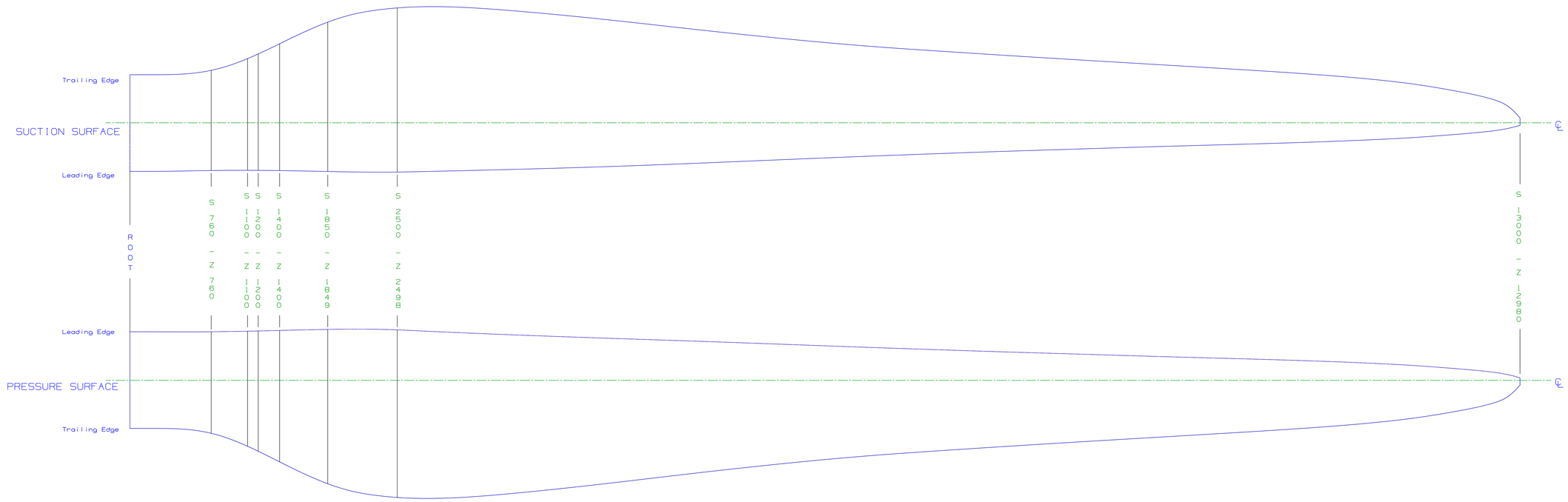
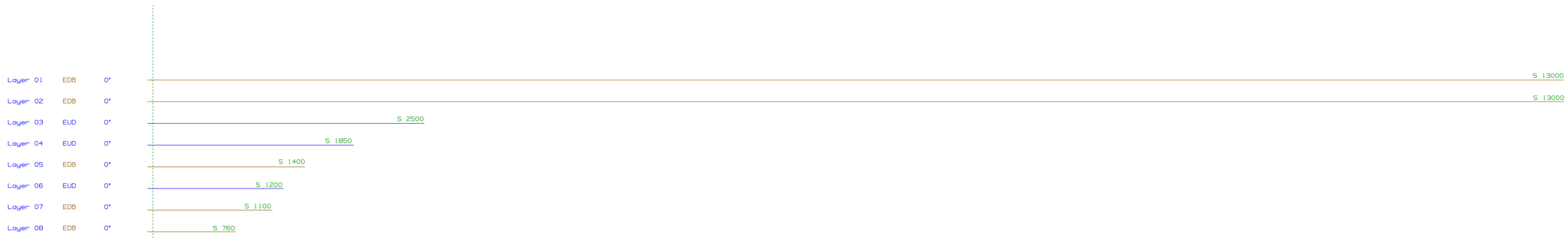
Note: S is measured along the arclength of the blade centerline.
Z is measured along pitch axis.

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 is Identical on Pressure and Suction Surfaces

BLADE ROOT: TRIM ALONG THIS LINE
Note: Layers starting from the blade root should extend 50 mm inboard of the root trim line to provide for trimming

Place first in mold

Note: If multiple rolls used, overlap layers by 50 ± 10mm in chordwise direction, do not butt or overlap joints either in the region of the main sparcaps or beneath the root reinforcement.

Tolerance:
- Spanwise Termination Tolerance:
  - Inboard (ply initiation): ± 5 mm
  - Outboard (ply termination): ± 20 mm
- Chordwise Placement: ± 5 mm
- Fiber Orientation: ± 3°

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

MATERIAL	DESCRIPTION	AREAL WEIGHT	WIDTH
EUD	E-Glass 0° Unidirectional	1200 gsm	1270 mm
EDB	E-Glass ± 45° Double Bias	808 gsm	1270 mm

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SNL 13m-225K-A Blade

WETZEL ENGINEERING

Release History

Rel	Date	Description of Change
A	3/30/2016	Original

Sheet 1/1		Outer Skin Lamination	
Drawing No. 169.02.04.007	Release I	Drawn By ASE	Date 03/30/2016
		Reviewed By ART	Date 04/01/2016
Release Date 03/30/2016	Units mm	Checked By RMB	Date 04/06/2016
Scale 1:15	Size A0	Approved By KKW	Date 04/06/2016