Laminated Wood Systems, Inc.

PoleEnforcer SRS®

Spliced Reinforcement System

U.S. PATENT NO. 9,777,500

- *Soft Soil Applications*
- *High Decay*
- *Car Damaged Poles*
- *Burned Poles*
- *Poles in Ice or Water*
- *Excavation Near Pole*
- *Environmentally Sensitive Soil*

LWS

www.lwsinc.com
800-949-3526

LWS Proudly Made in AMERICA

PoleEnforcer SRS™

Spliced Reinforcement System

PATENT PENDING

Spliced Reinforcement System for Soft Soil Conditions (Double Units)

PATENT PENDING

"GSED" = ((Pole Length - PD + SSD) x 0.12) + 2ft. Rounded to 6 Inches

"ED" = GSED + SSD

"L" = TL + BL = ED + (AG(5'-0" min.)) Round to Next Foot

Steel Size Based on Original Pole Class and New Total Length = AGL + ED

"AG" = Above Ground

"AGL" = Above Ground Length (of pole)

"TL" = Top Length

"BL" = Bottom Length

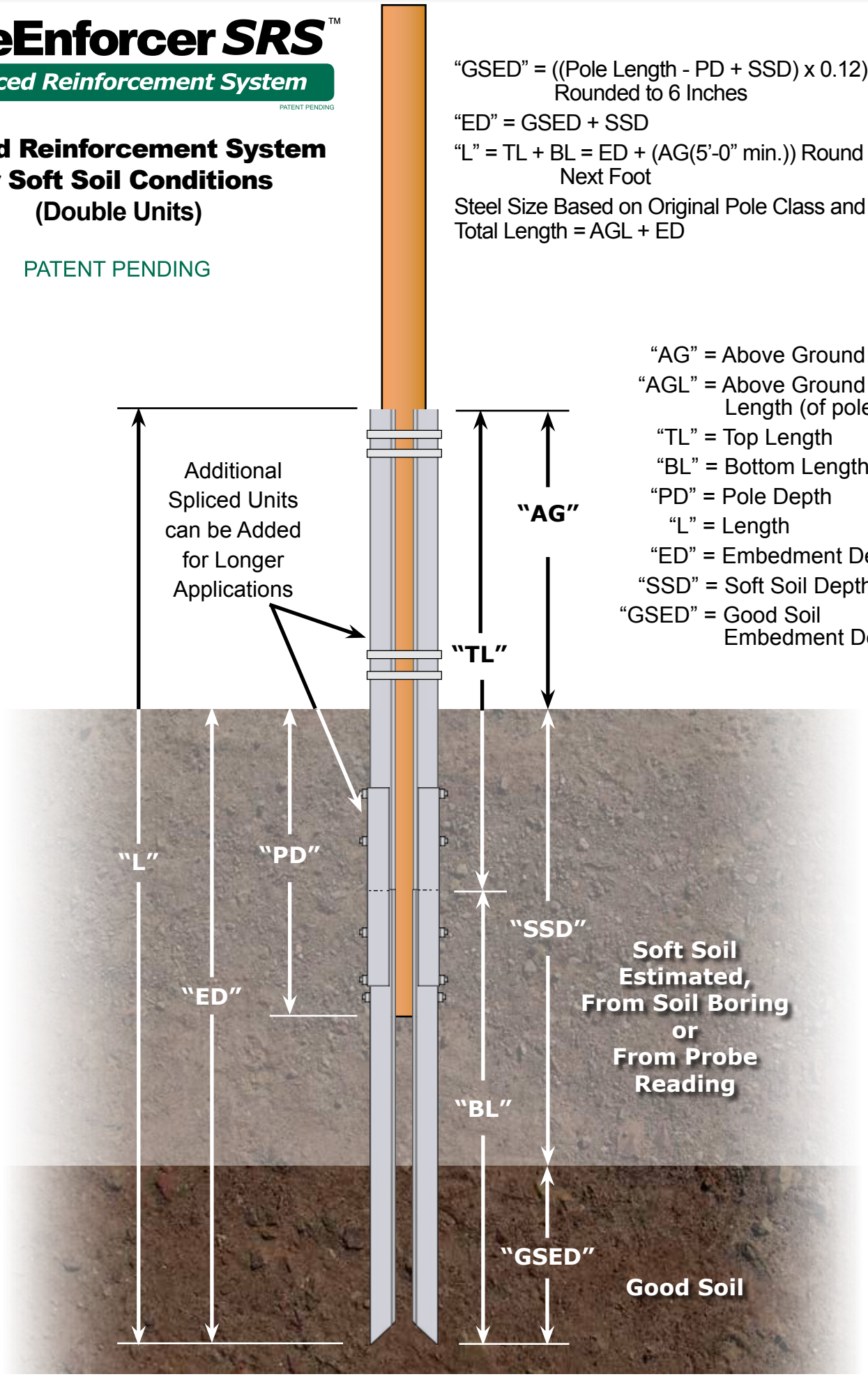
"PD" = Pole Depth

"L" = Length

"ED" = Embedment Depth

"SSD" = Soft Soil Depth

"GSED" = Good Soil Embedment Depth



PoleEnforcer SRS™

Spliced Reinforcement System

PATENT PENDING

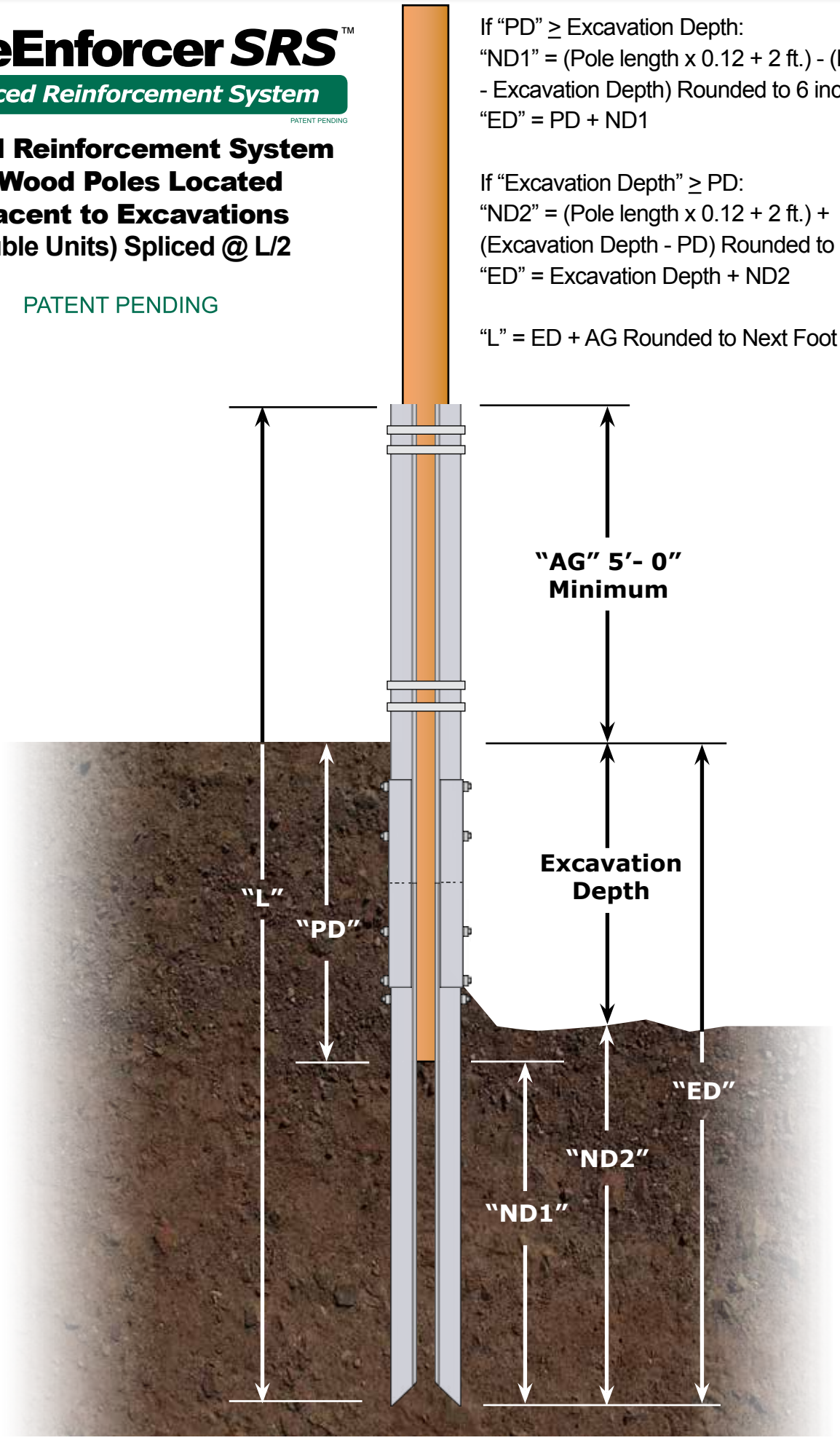
Spliced Reinforcement System for Wood Poles Located Adjacent to Excavations (Double Units) Spliced @ L/2

PATENT PENDING

If “PD” ≥ Excavation Depth:
“ND1” = (Pole length x 0.12 + 2 ft.) - (PD - Excavation Depth) Rounded to 6 inches
“ED” = PD + ND1

If “Excavation Depth” ≥ PD:
“ND2” = (Pole length x 0.12 + 2 ft.) + (Excavation Depth - PD) Rounded to 6 inches
“ED” = Excavation Depth + ND2

“L” = ED + AG Rounded to Next Foot



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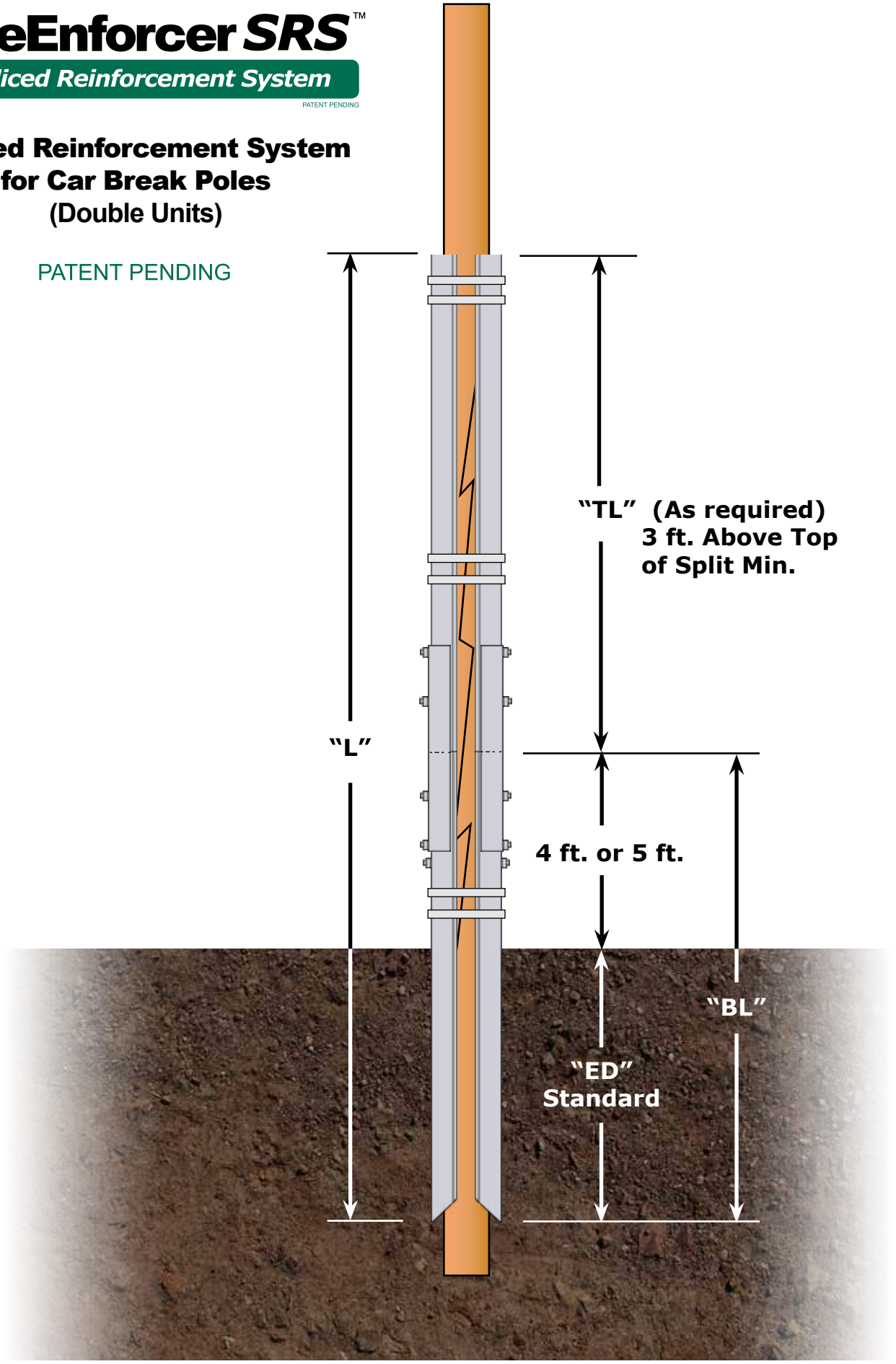
PATENT PENDING

Spliced Reinforcement System for Car Break Poles (Double Units)

PATENT PENDING



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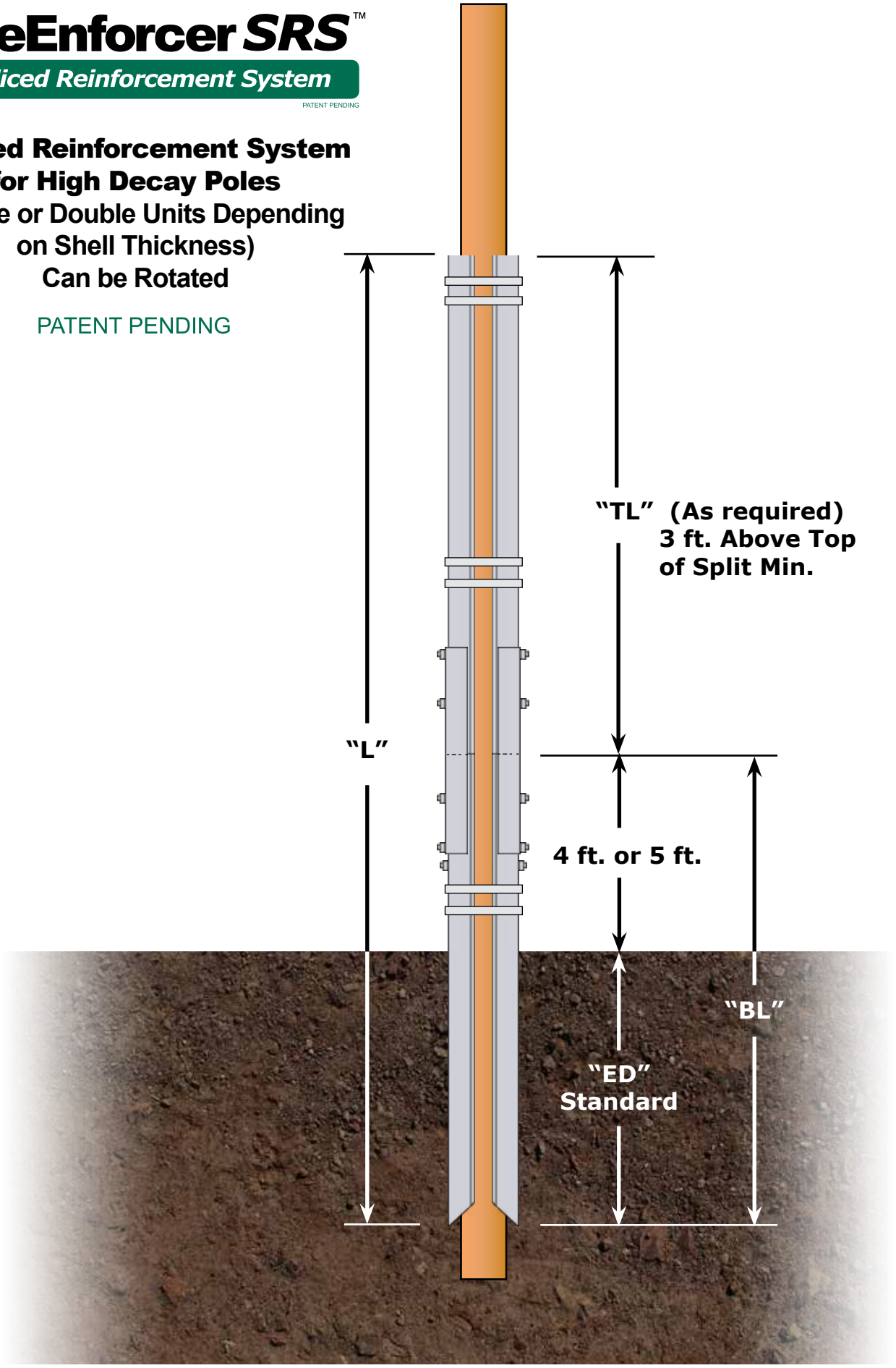
Spliced Reinforcement System

PATENT PENDING

Spliced Reinforcement System for High Decay Poles
(Single or Double Units Depending on Shell Thickness) Can be Rotated

PATENT PENDING



PoleEnforcer SRS™
Spliced Reinforcement System
PATENT PENDING

Installation Procedure

1. Lower steel unit is driven next to pole.

2. Back splice plate is attached to the lower steel unit.

3. Top steel unit is attached and secured with splice channel.

4. Assembled units are driven to desired depth.

5. Units are banded and caps are installed.