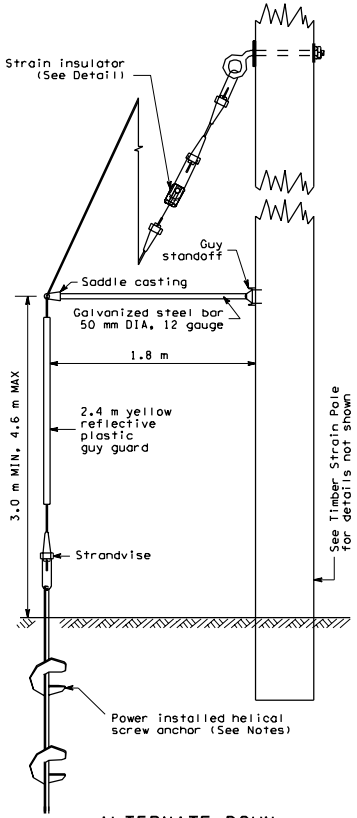
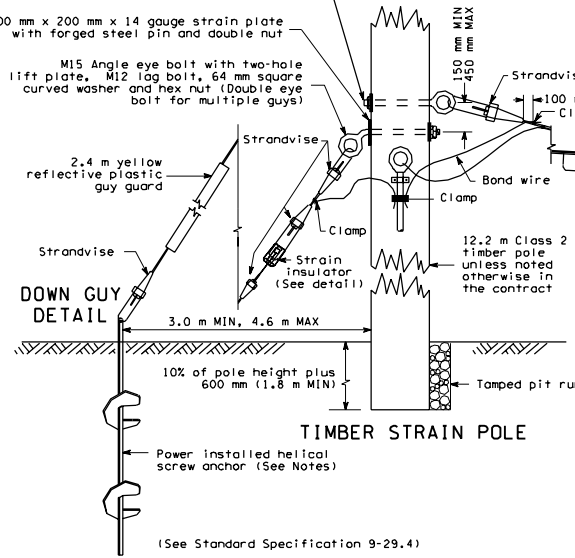
NOTES

1. An eight-way expanding anchor may be used as an acceptable alternate to power installed helical screw anchor.
2. If anchor hole diameter is greater than nominal diameter of folded anchors, a 1.5 meter cover of 150 mm to 300 mm size rock shall be tamped in to replace the disturbed soil immediately above the anchor.
3. See "Strain Clamp Detail" on Standard Plan "Strain Pole Standards: Type IV and Type V".

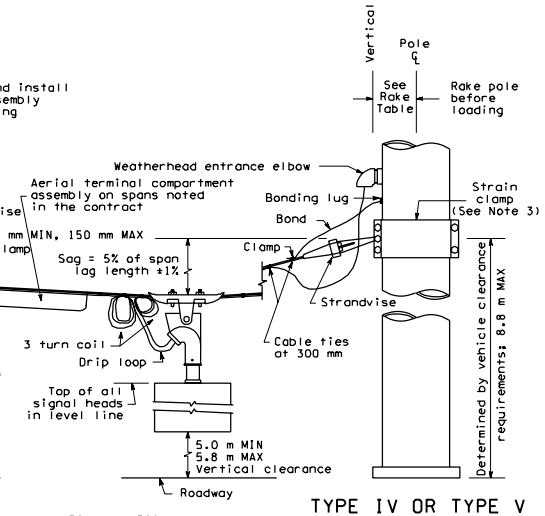


ALTERNATE DOWN GUY DETAIL



ANCHOR ASSEMBLY

TIMBER STRAIN POLE

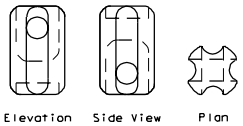


TYPE IV OR TYPE V STRAIN POLE STANDARD

RAKE TABLE	
POLE CLASS	RAKE
8.5 kN	175 mm
12.0 kN	150 mm
16.5 kN	125 mm
21.3 kN	125 mm
24.0 kN	100 mm
28.0 kN	100 mm
32.0 kN	100 mm
TIMBER	150 mm

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED

SPAN WIRE INSTALLATION



STRAIN INSULATOR DETAIL

STANDARD PLAN J-7d

APPROVED FOR PUBLICATION

STATE DESIGN ENGINEER DATE

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON