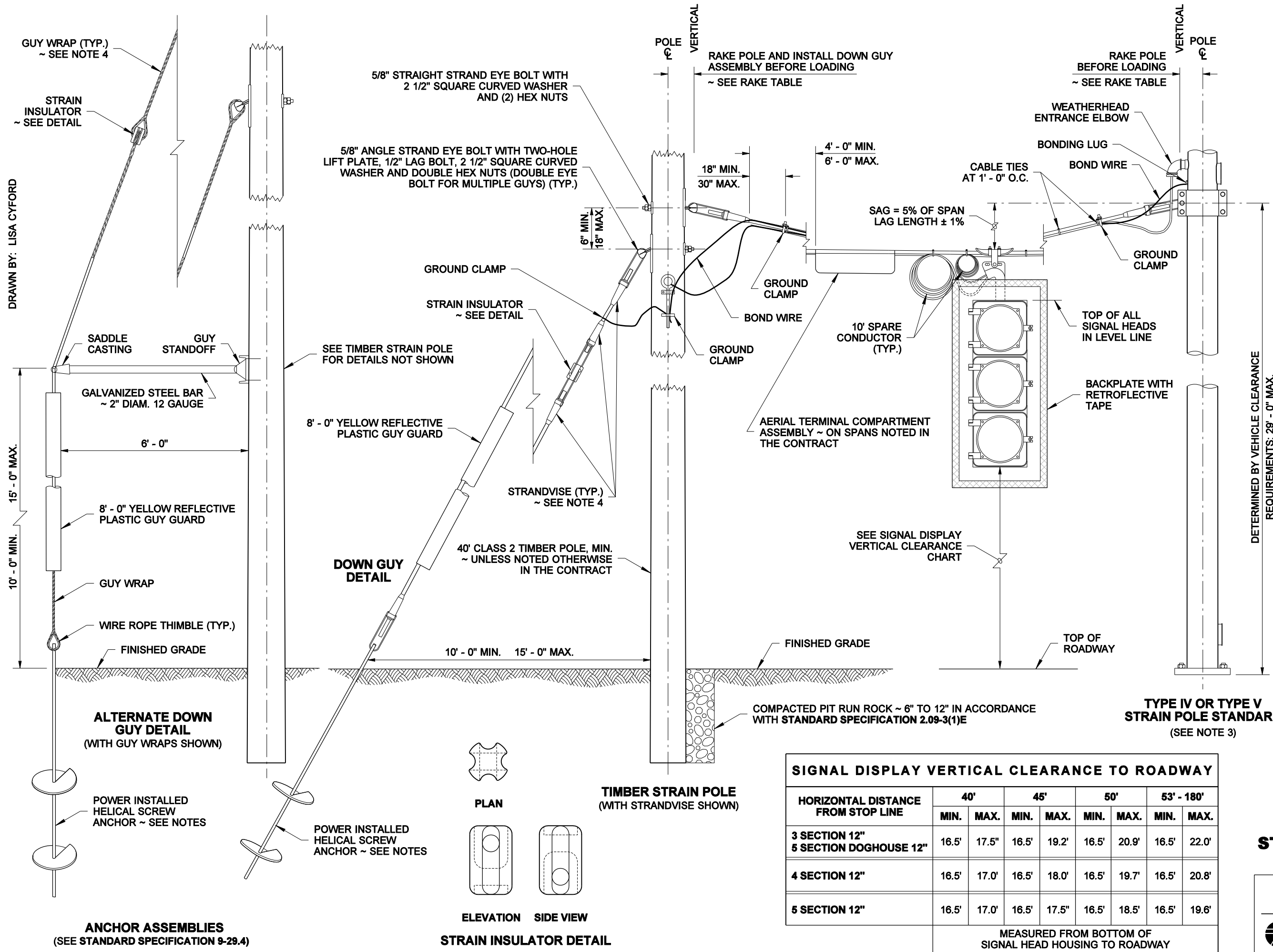


DRAWN BY: LISA CYFORD



- 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 5' cover of 6" to 12" size rock shall be tamped in to replace the disturbed soil immediately above the anchor.
 3. See **Standard Plan J-7c** for Type IV or Type V Strain Pole details not shown.
 4. Strandwise or Guy Wrap may be used.

RAKE TABLE

POLE CLASS	RAKE
1900#	7"
2700#	6"
3700#	5"
4800#	5"
5400#	4"
4300#	4"
7200#	4"
ALL TIMBER	6"



NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT UNLESS IT IS APPROVED BY THE ENGINEER AND APPROVED FOR ORIGINATOR'S SIGNATURE AND FILED AT THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.

SPAN WIRE INSTALLATION
STANDARD PLAN J-15.15-00

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

Pasco Bakotich III 06-16-10
 STATE DESIGN ENGINEER DATE

Washington State Department of Transportation

SIGNAL DISPLAY VERTICAL CLEARANCE TO ROADWAY

HORIZONTAL DISTANCE FROM STOP LINE	40'		45'		50'		53' - 180'	
	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.
3 SECTION 12" 5 SECTION DOGHOUSE 12"	16.5'	17.5"	16.5'	19.2'	16.5'	20.9'	16.5'	22.0'
4 SECTION 12"	16.5'	17.0'	16.5'	18.0'	16.5'	19.7'	16.5'	20.8'
5 SECTION 12"	16.5'	17.0'	16.5'	17.5"	16.5'	18.5'	16.5'	19.6'

MEASURED FROM BOTTOM OF SIGNAL HEAD HOUSING TO ROADWAY

ANCHOR ASSEMBLIES
 (SEE STANDARD SPECIFICATION 9-29.4)

STRAIN INSULATOR DETAIL

TIMBER STRAIN POLE
 (WITH STRANDWISE SHOWN)

SIGNAL DISPLAY VERTICAL CLEARANCE TO ROADWAY

TYPE IV OR TYPE V STRAIN POLE STANDARD
 (SEE NOTE 3)

DETERMINED BY VEHICLE CLEARANCE REQUIREMENTS: 29' - 0" MAX.