# GENERAL NOTES:

Materials:

Concrete:Class V Special or Class VI<br/>6 ksi minimum at 28 days<br/>4 ksi minimum at transferPrestressed Strands:ASTM A416 Grade 270

stress relieved or low relaxation

Spiral Reinforcing: ASTM A82 cold-drawn steel wire

Provide a minimum concrete cover of 1 inch.

For spiral reinforcing, one turn is required for splices and two turns are required at both the tip and butt ends of the pole.

The design Front Face and Back Face of poles may vary transversely from the section shown by  $\pm \frac{1}{4}$ " to assist with removal from forms. Balance addition and subtraction of face widths to maintain section areas shown.

Provide hand hole and coupler cover plates made of non-corrosive materials. Attach cover plates to poles using lead anchors or threaded inserts embedded in the poles in conjunction with round headed chrome plated screws.

Tie ground wires to the interior of reinforcing steel as necessary to prevent displacement during concreting operations.

Provide Aluminum Identification Markings on the poles where indicated on the following sheets. Include the following information using inset numerals with 1" height or as approved in the Producer's Quality Control Plan:

Financial Project ID Pole Manufacturer Standard Pole Type Number Pole Length (L)

Pick-up and support locations shown may vary with a tolerance of  $\pm$  3".

This Design Standard is considered fully detailed and no shop drawings are necessary. Submit shop drawings for minor modifications not detailed in the plans.

Cut the tip end of the prestressed strand first or simultaneously with the butt end.

## INSTALLATION NOTES:

If a two point attachment is required by the plans, provide an eye bolt hole for the messenger wire or field-drill at the location indicated in the plans. When required, field-drill the eyebolt hole for the tether wire prior to installation.

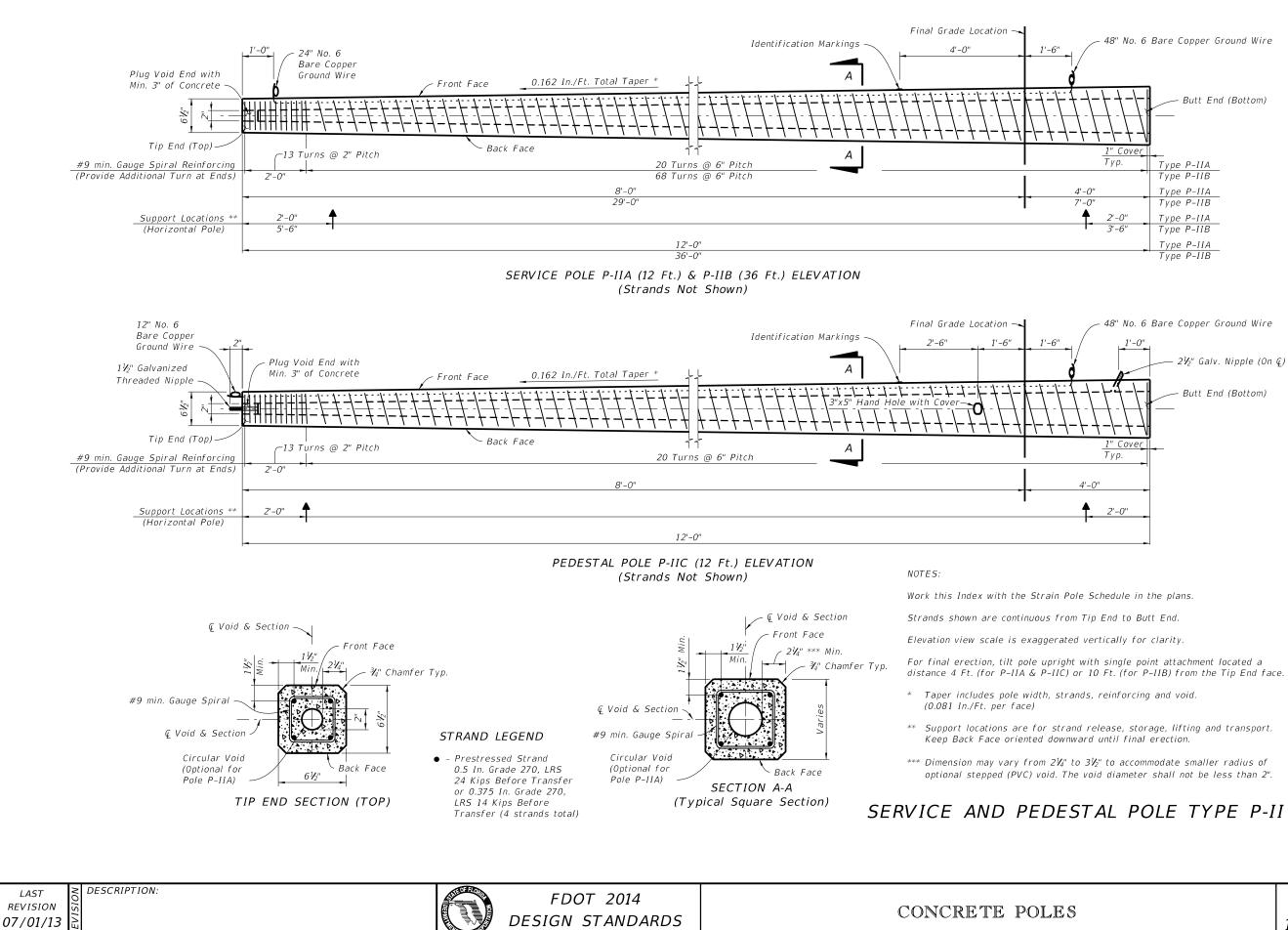
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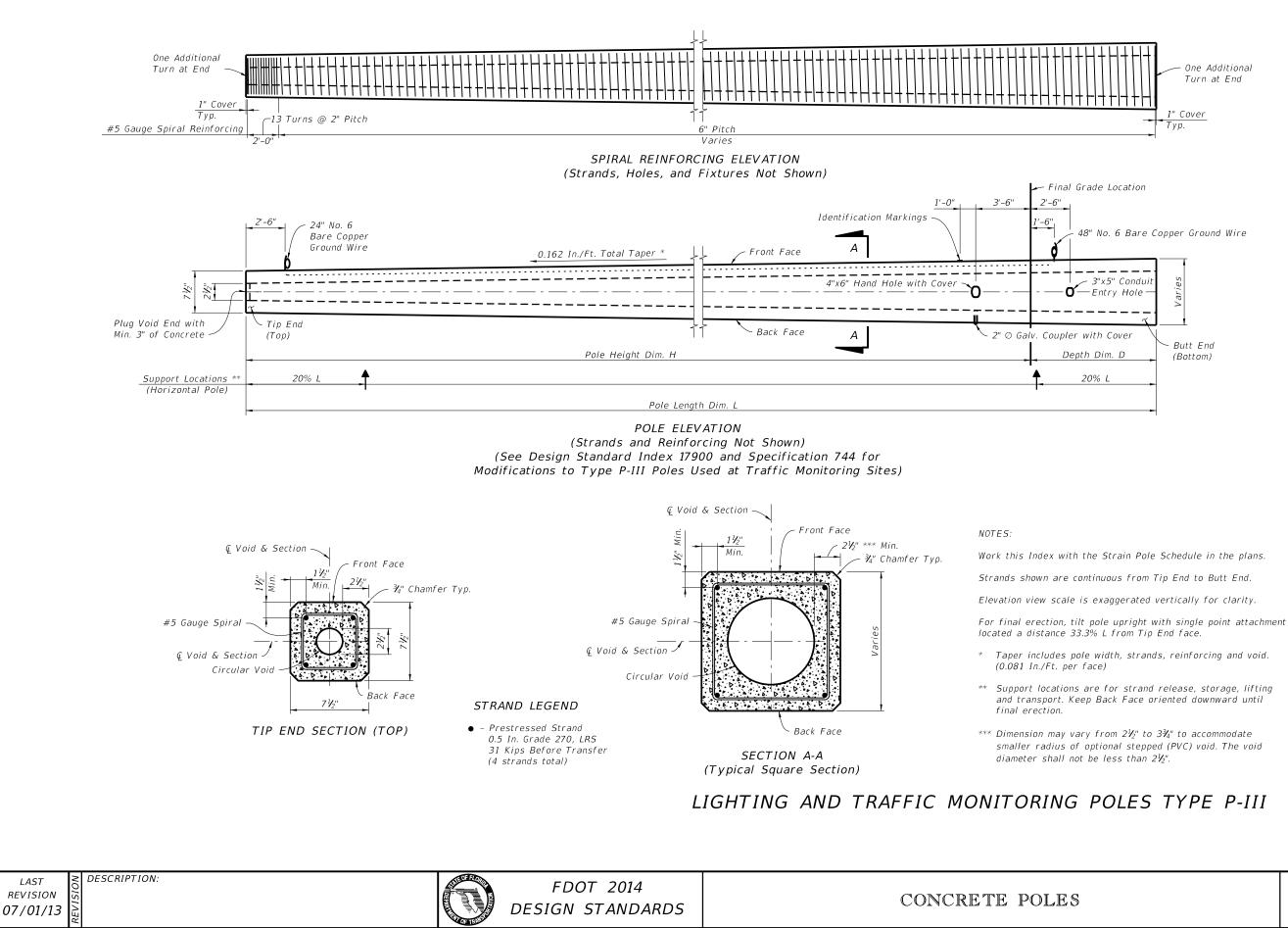


CONCRETE POLES

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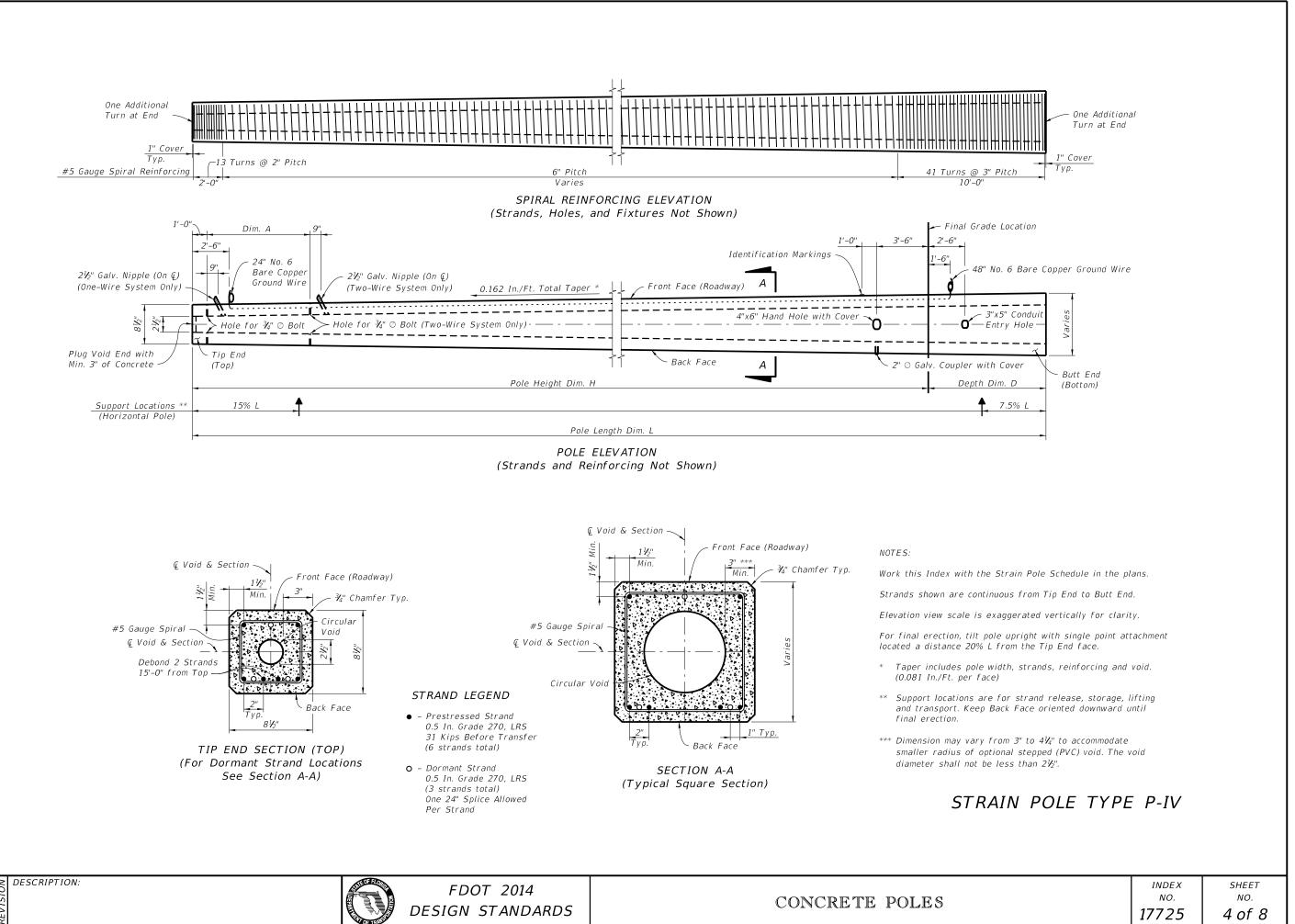


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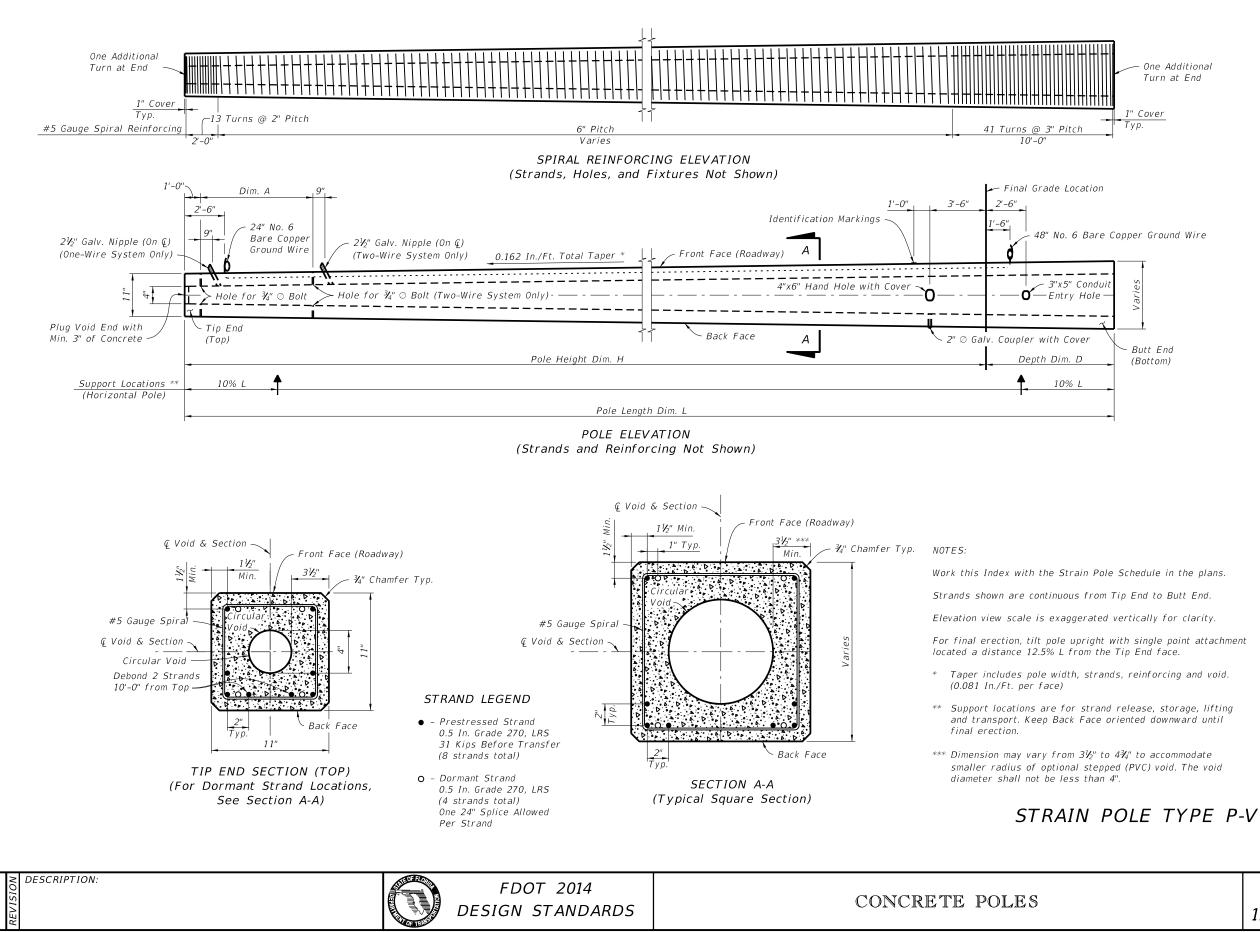


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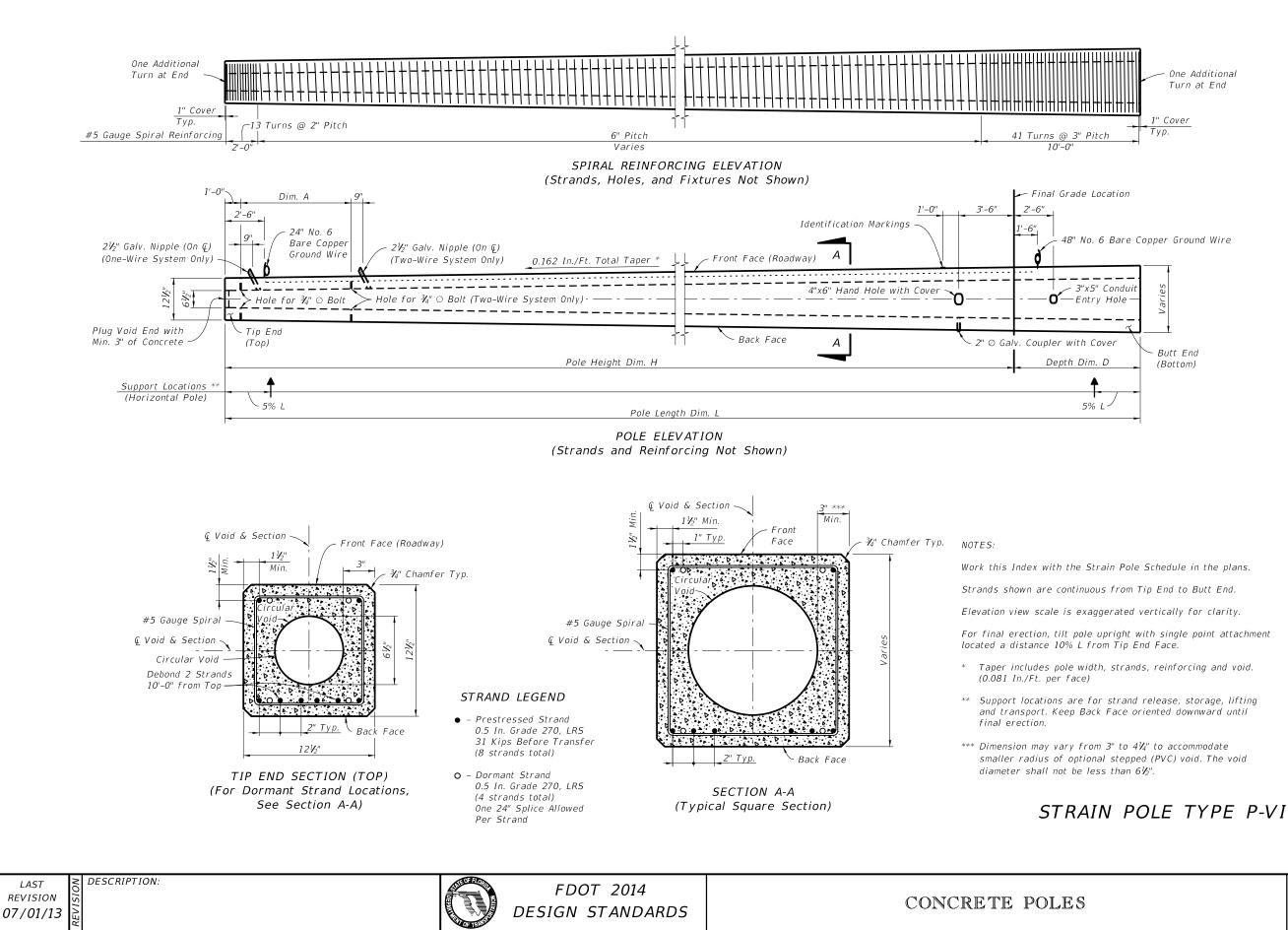


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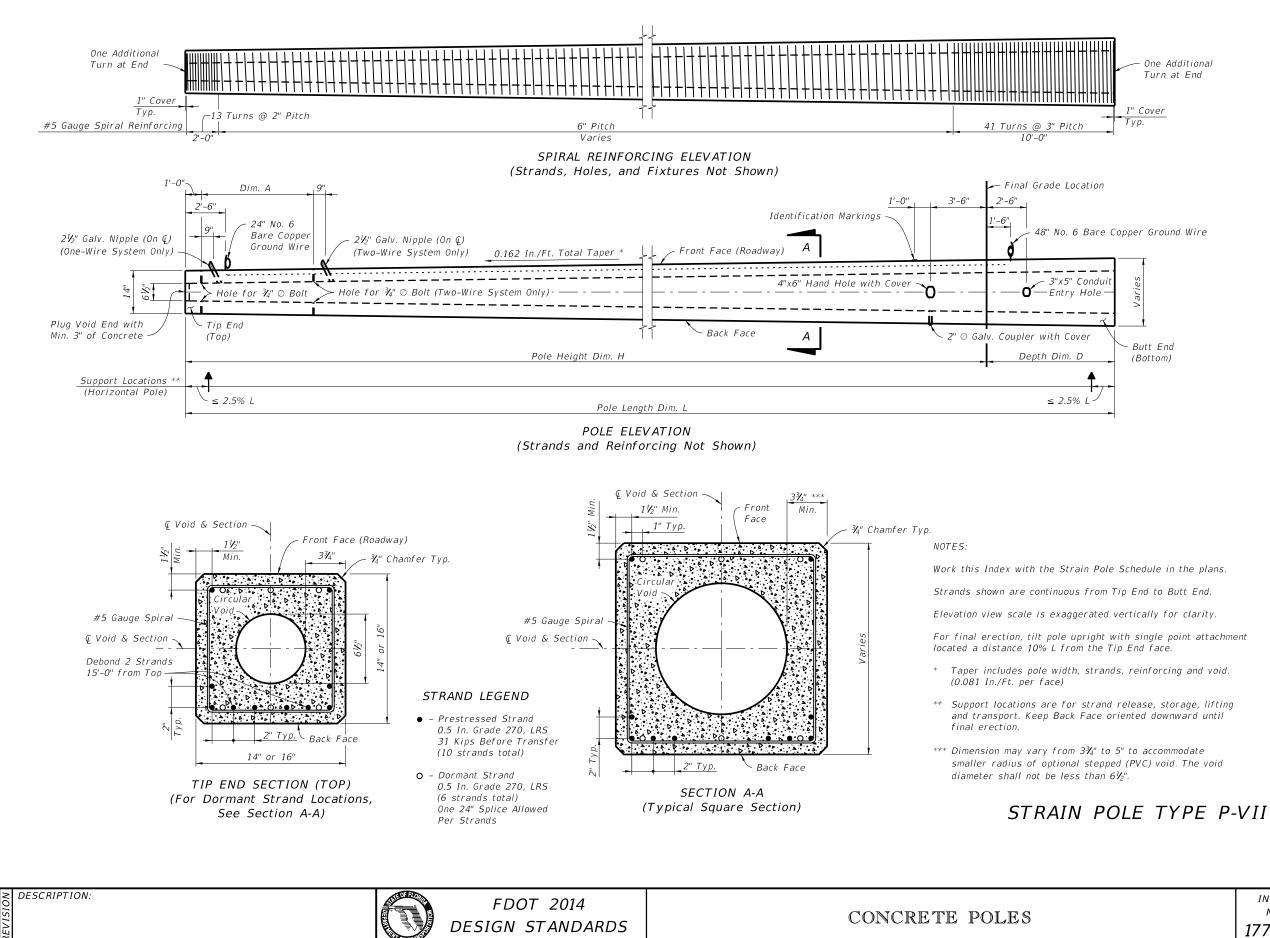


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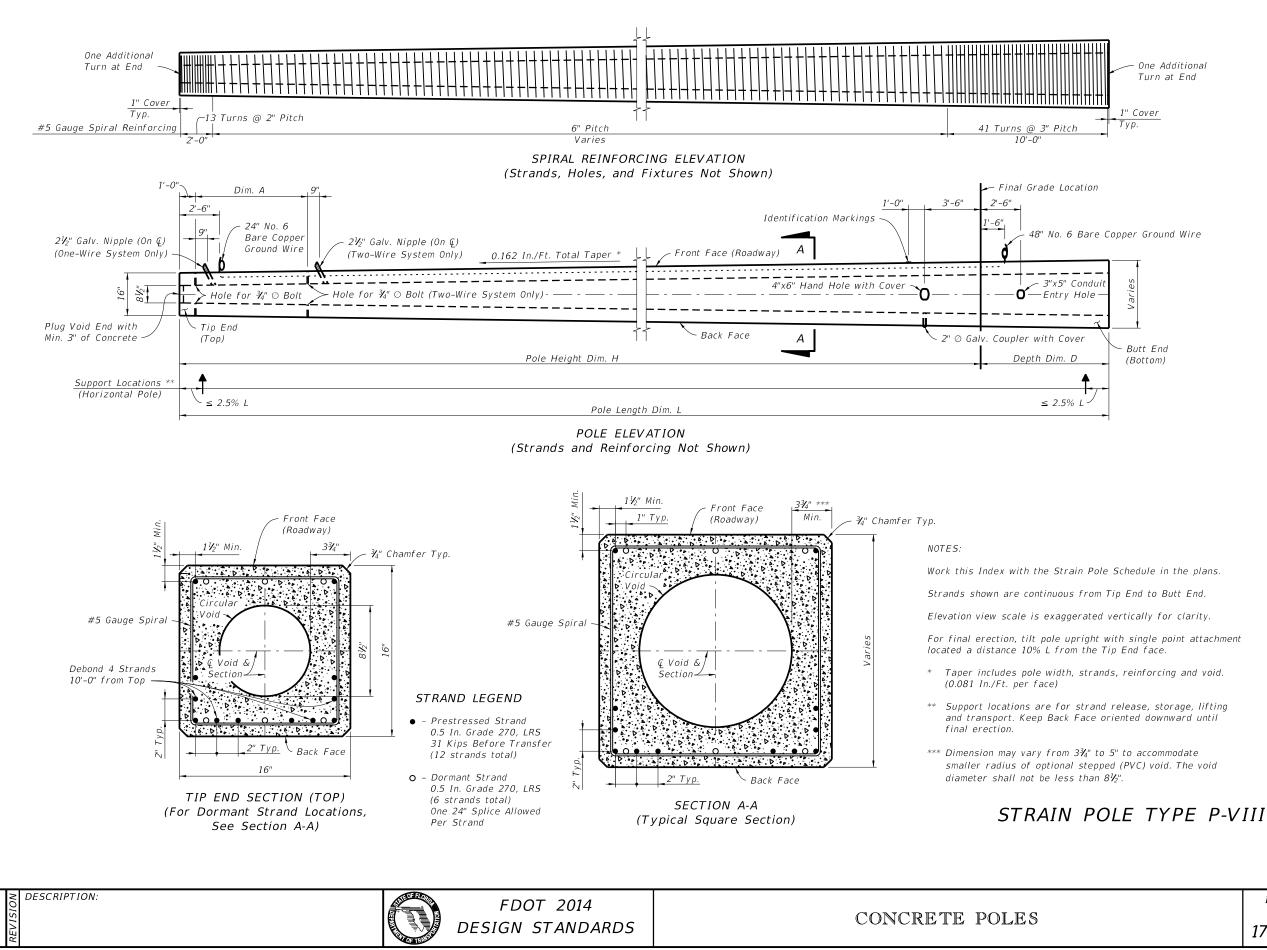


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