25'-6"

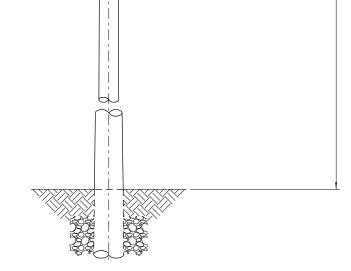
25'-6"

(MIN.)

1'-6"

NOTE:

1. DIMENSIONS MAY VARY DEPENDING ON ACTUAL HARDWARE USED.



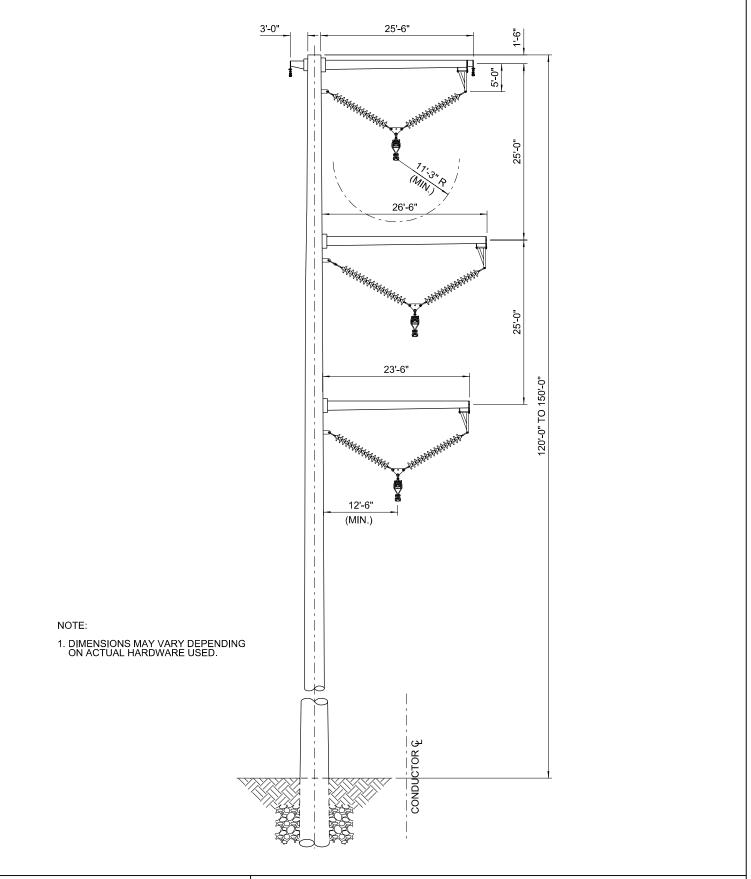


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345kV STEEL SINGLE CIRCUIT TANGENT 0°-2.5° TYPICAL STRUCTURE DRAWING BADGER COULEE TRANSMISSION LINE

DRAWING No.

Figure 11

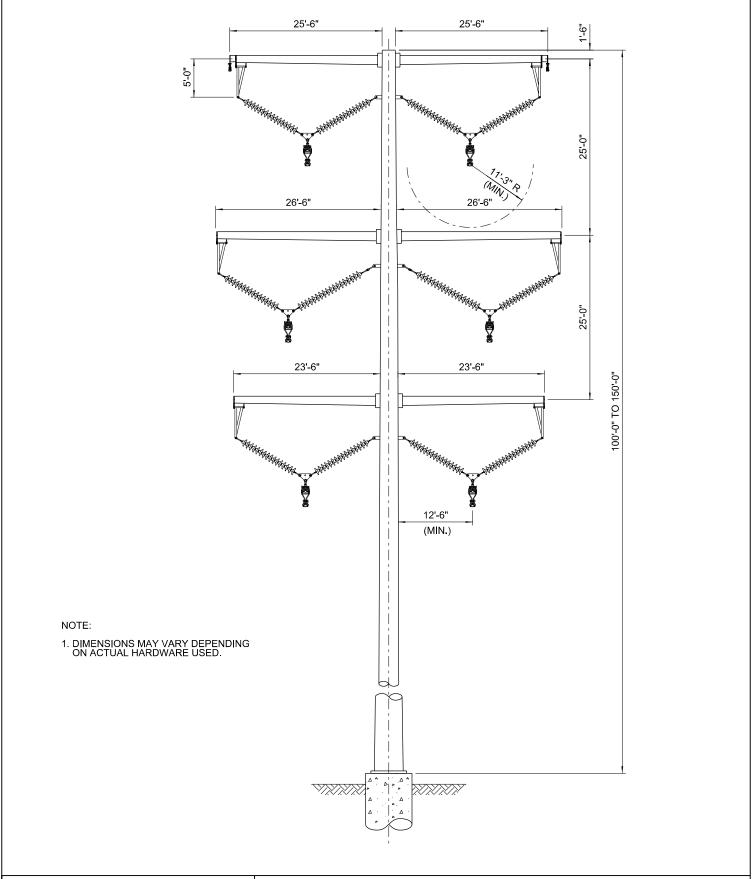




345 kV STEEL SINGLE CIRCUIT VERTICAL TANGENT 0°-2.5°
TYPICAL STRUCTURE DRAWING
BADGER COULEE TRANSMISSION LINE

DRAWING No.

Figure 12

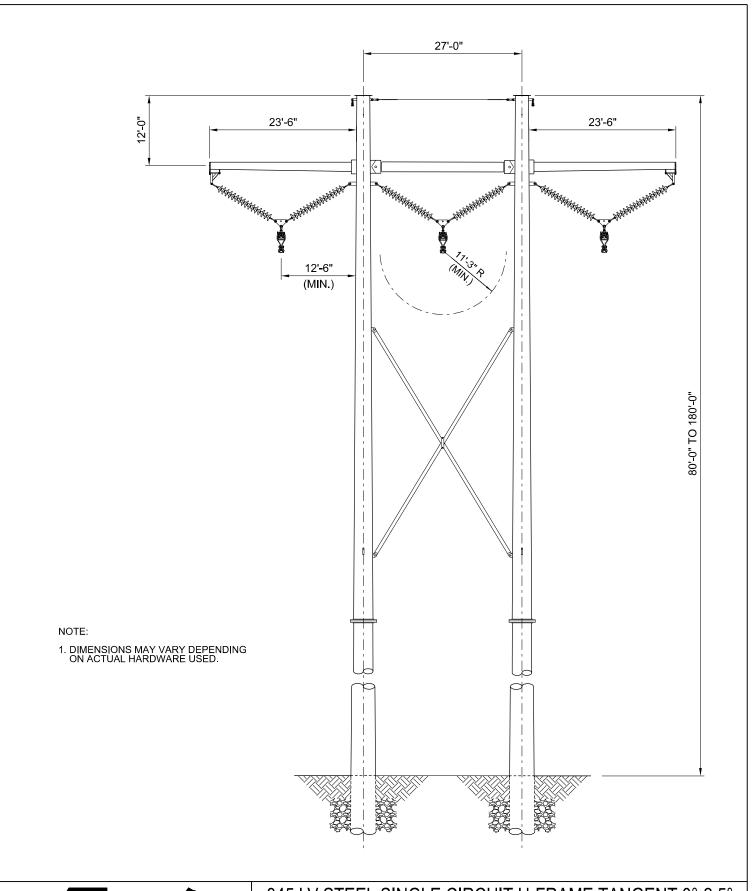




345kV STEEL DOUBLE CIRCUIT TANGENT 0°-2.5° TYPICAL STRUCTURE DRAWING BADGER COULEE TRANSMISSION LINE

DRAWING No.

Figure 13

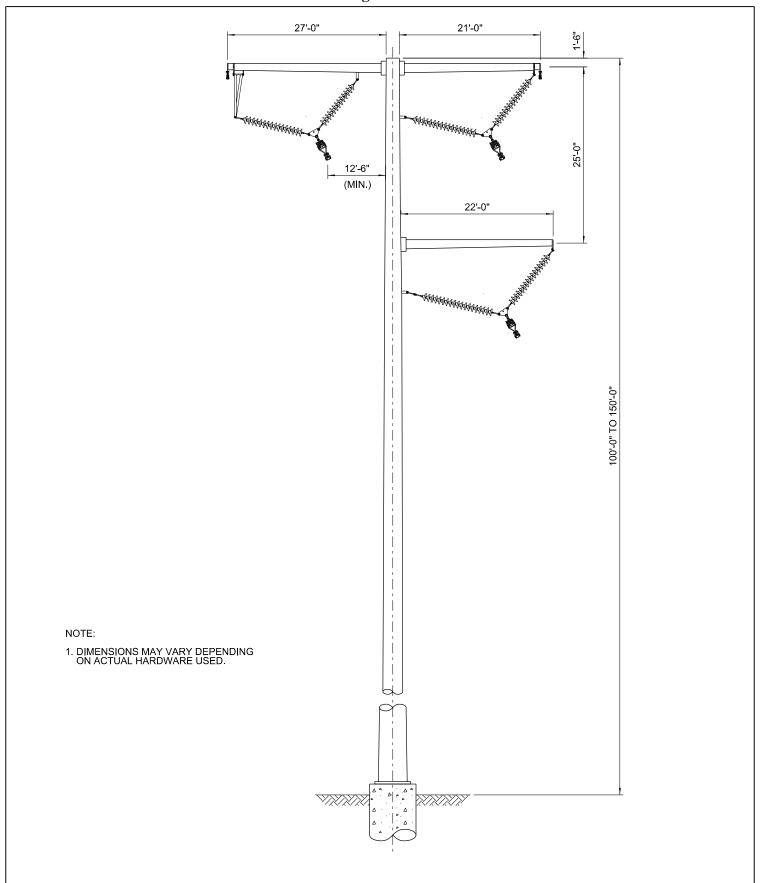




345 kV STEEL SINGLE CIRCUIT H-FRAME TANGENT 0°-2.5°
TYPICAL STRUCTURE DRAWING
BADGER COULEE TRANSMISSION LINE

DRAWING No.

Figure 14

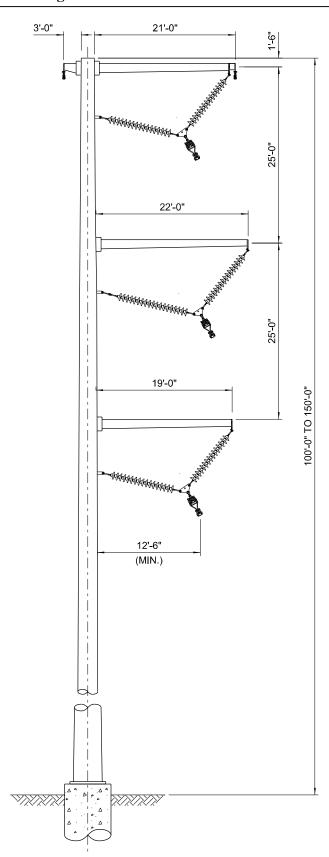




345kV STEEL SC SMALL ANGLE 2.5°-12° TYPICAL STRUCTURE DRAWING BADGER COULEE TRANSMISSION LINE

DRAWING No.

Figure 15



NOTE:

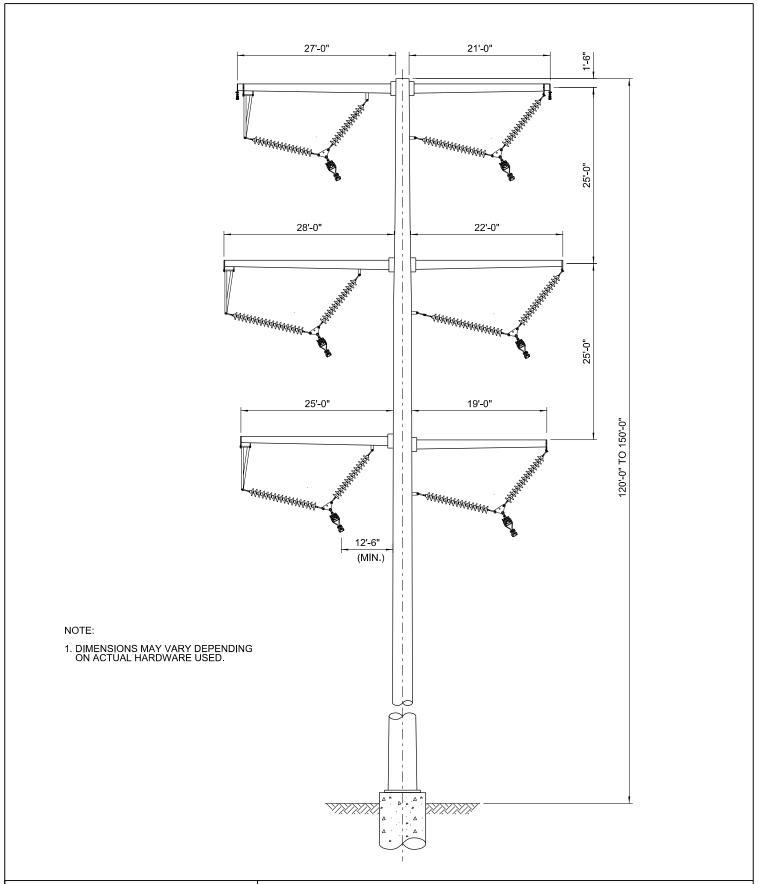
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345kV STEEL SINGLE CIRCUIT VERT. ANGLE 2.5°-12°
TYPICAL STRUCTURE DRAWING
BADGER COULEE TRANSMISSION LINE

Figure 16

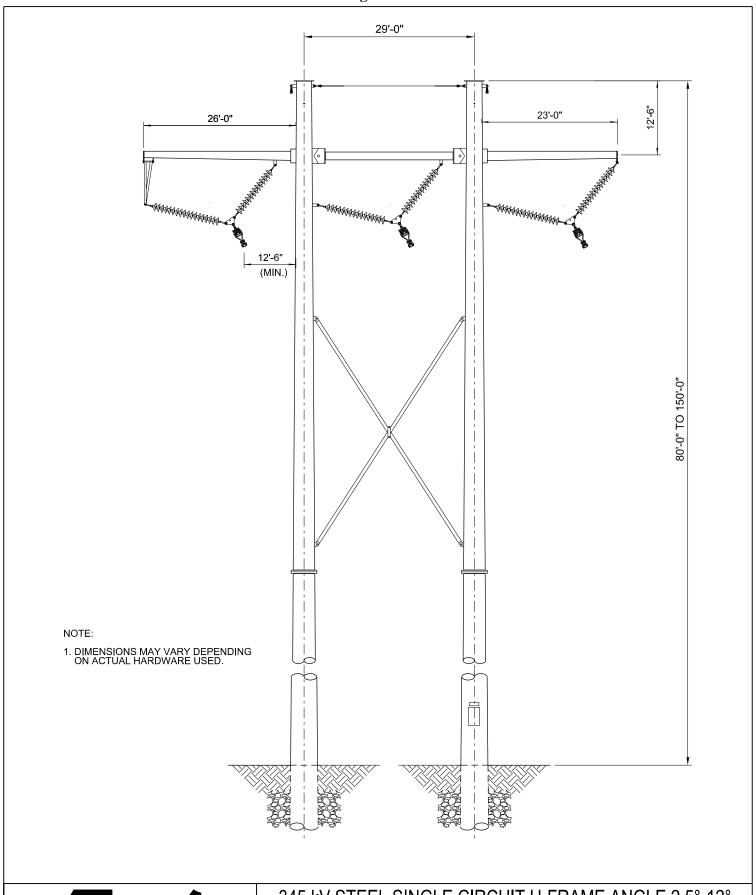




345 kV STEEL DOUBLE CIRCUIT SMALL ANGLE 2.5°-12°
TYPICAL STRUCTURE DRAWING
BADGER COULEE TRANSMISSION LINE

DRAWING No.

Figure 17





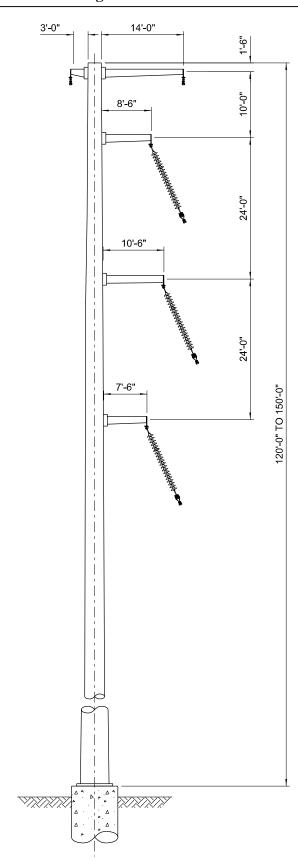
345 kV STEEL SINGLE CIRCUIT H-FRAME ANGLE 2.5°-12°
TYPICAL STRUCTURE DRAWING
BADGER COULEE TRANSMISSION LINE

DRAWING No.

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Figure 18



NOTE:

1. DIMENSIONS MAY VARY DEPENDING ON ACTUAL HARDWARE USED.

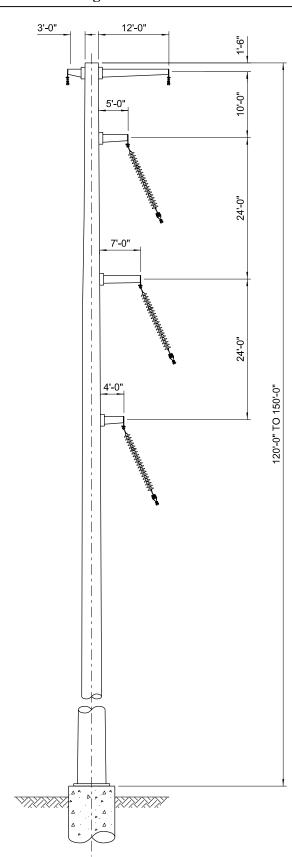


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345 kV STEEL SC MEDIUM ANGLE 12°-20° TYPICAL STRUCTURE DRAWING BADGER COULEE TRANSMISSION LINE

DRAWING No.

Figure 19



NOTE:

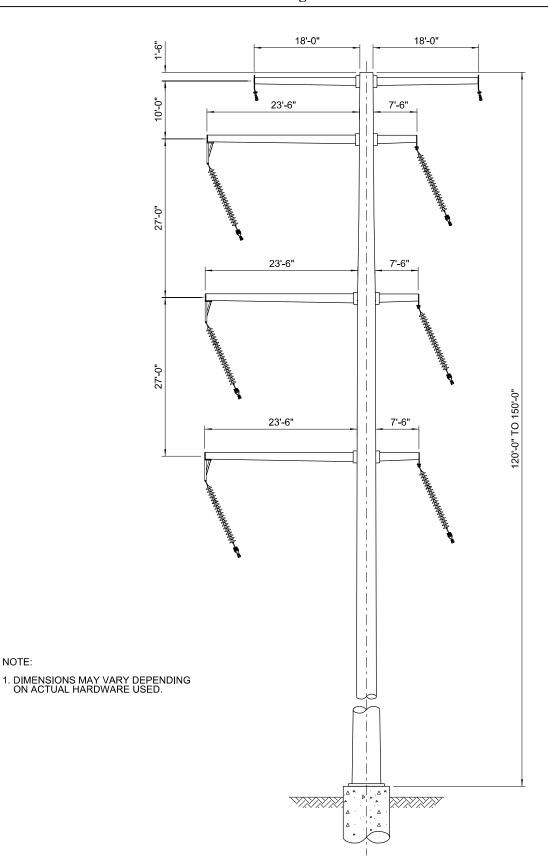
1. DIMENSIONS MAY VARY DEPENDING ON ACTUAL HARDWARE USED.



345 kV STEEL SINGLE CIRCUIT LARGE ANGLE 20°-40°
TYPICAL STRUCTURE DRAWING
BADGER COULEE TRANSMISSION LINE

DRAWING No.

Figure 20



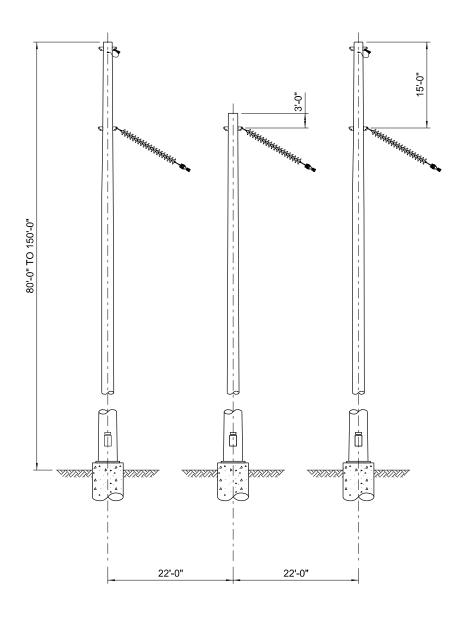


345 kV STEEL DOUBLE CIRCUIT LARGE ANGLE 12°-40° TYPICAL STRUCTURE DRAWING BADGER COULEE TRANSMISSION LINE

DRAWING No.

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NOTE:



NOTE:

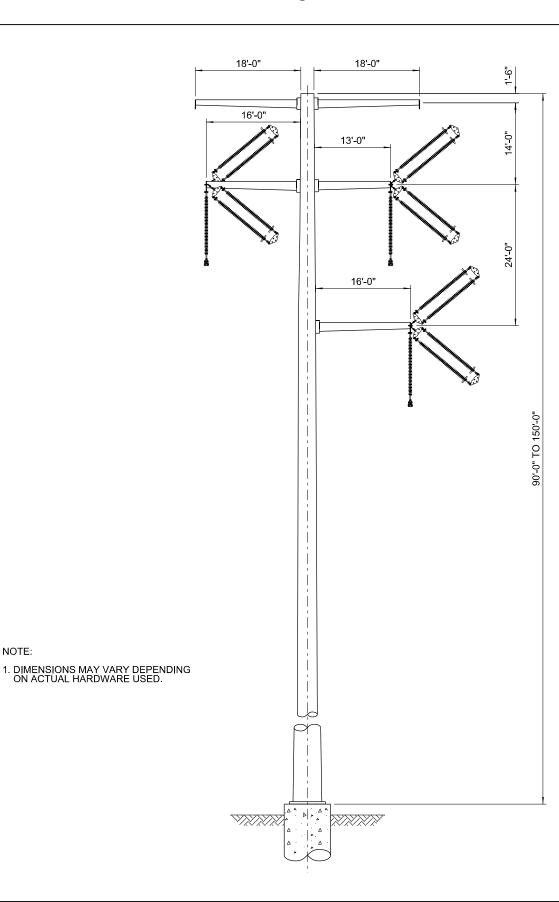
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345 kV STEEL SINGLE CIRCUIT 3-POLE ANGLE 20°-40°
TYPICAL STRUCTURE DRAWING
BADGER COULEE TRANSMISSION LINE

DRAWING No.





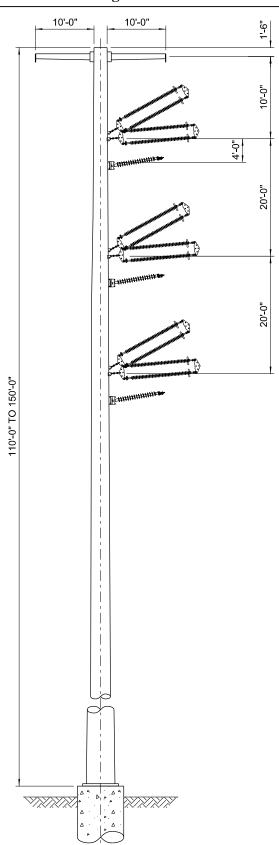
345 kV STEEL SINGLE CIRCUIT DEAD-END 0°-60° TYPICAL STRUCTURE DRAWING BADGER COULEE TRANSMISSION LINE

DRAWING No.

BCTLP -015

NOTE:

Figure 23





1. DIMENSIONS MAY VARY DEPENDING ON ACTUAL HARDWARE USED.

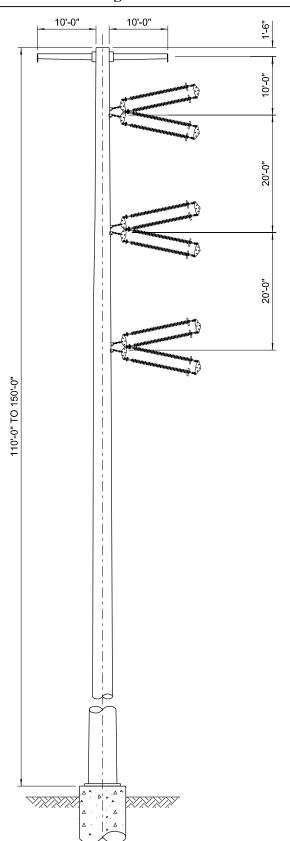


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345 kV STEEL SINGLE CIRCUIT DEAD END 0°-60° TYPICAL STRUCTURE DRAWING BADGER COULEE TRANSMISSION LINE

DRAWING No.

Figure 24





1. DIMENSIONS MAY VARY DEPENDING ON ACTUAL HARDWARE USED.

345 kV STEEL SINGLE CIRCUIT DEAD END 60°+ TYPICAL STRUCTURE DRAWING BADGER COULEE TRANSMISSION LINE

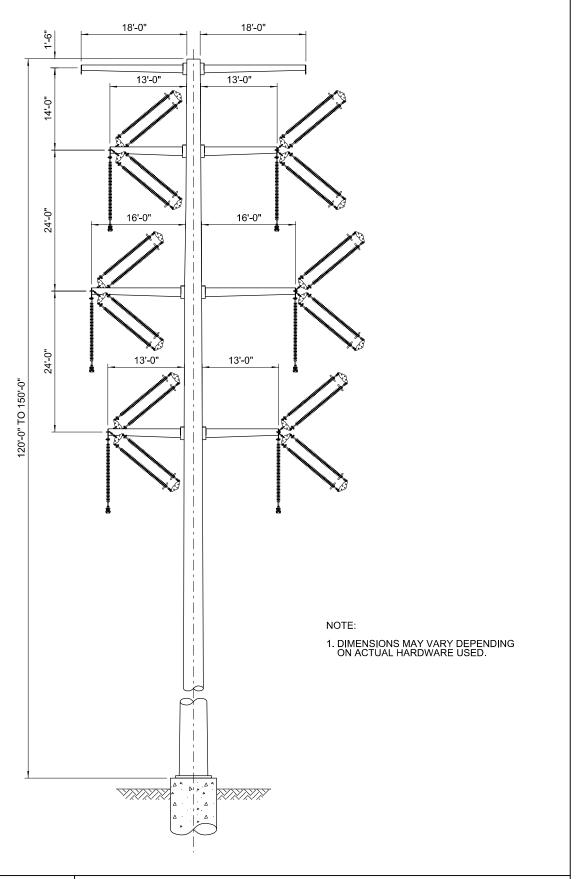
DRAWING No.

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NOTE:

Figure 25

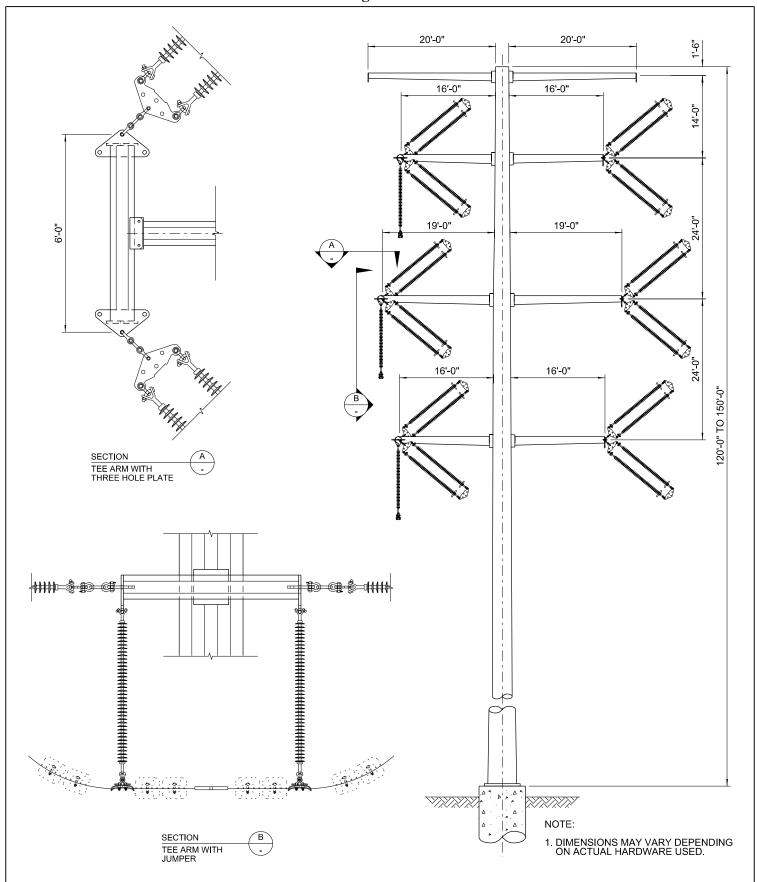




345 kV STEEL DOUBLE CIRCUIT DEAD-END 0°-60° TYPICAL STRUCTURE DRAWING BADGER COULEE TRANSMISSION LINE

DRAWING No.

Figure 26

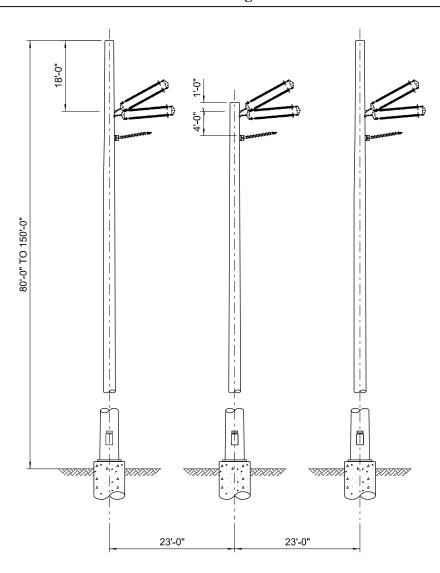




345 kV STEEL DOUBLE CIRCUIT DEAD-END 90°+ TYPICAL STRUCTURE DRAWING BADGER COULEE TRANSMISSION LINE

DRAWING No.

Figure 27



NOTE:

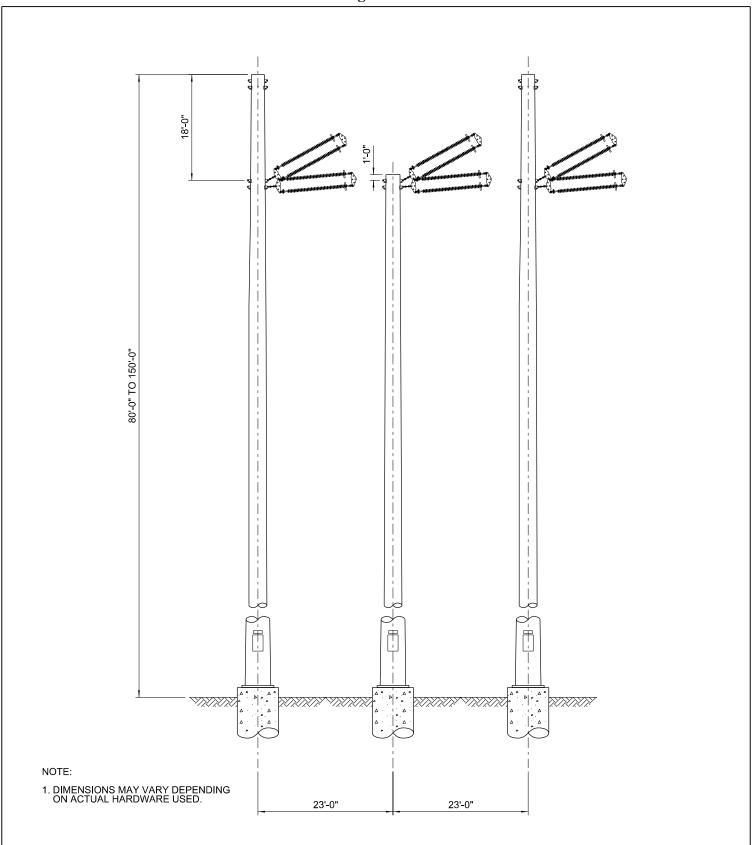
1. DIMENSIONS MAY VARY DEPENDING ON ACTUAL HARDWARE USED.



345 kV STEEL SINGLE CIRCUIT 3-POLE DEAD END 0°-60° TYPICAL STRUCTURE DRAWING BADGER COULEE TRANSMISSION LINE

DRAWING No.

Figure 28

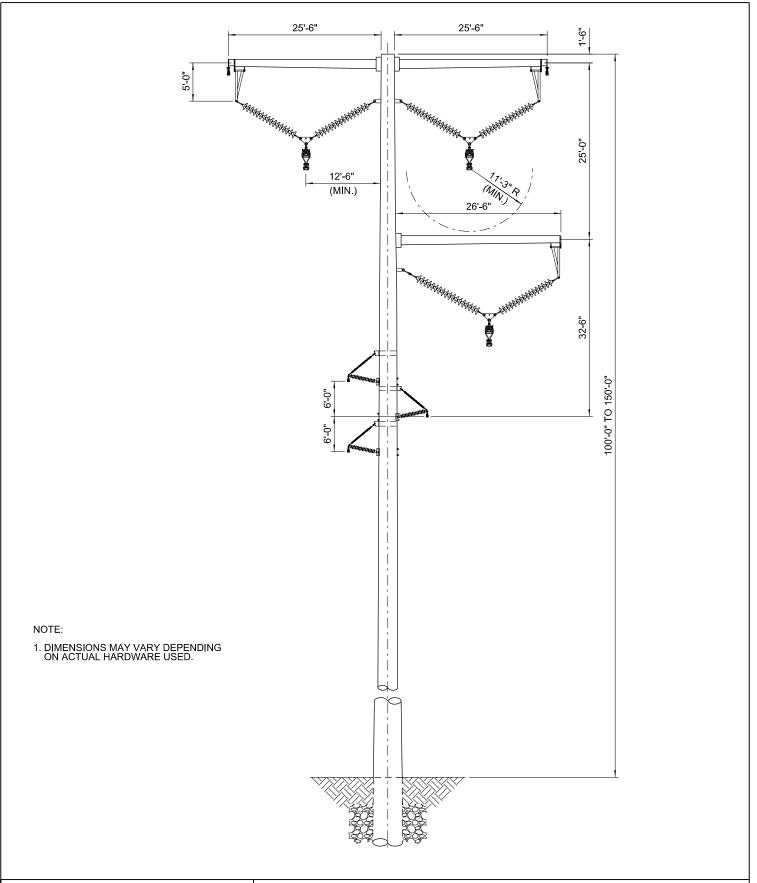




345 kV STEEL SINGLE CIRCUIT 3-POLE DEAD END 60°+
TYPICAL STRUCTURE DRAWING
BADGER COULEE TRANSMISSION LINE

DRAWING No.

Figure 29





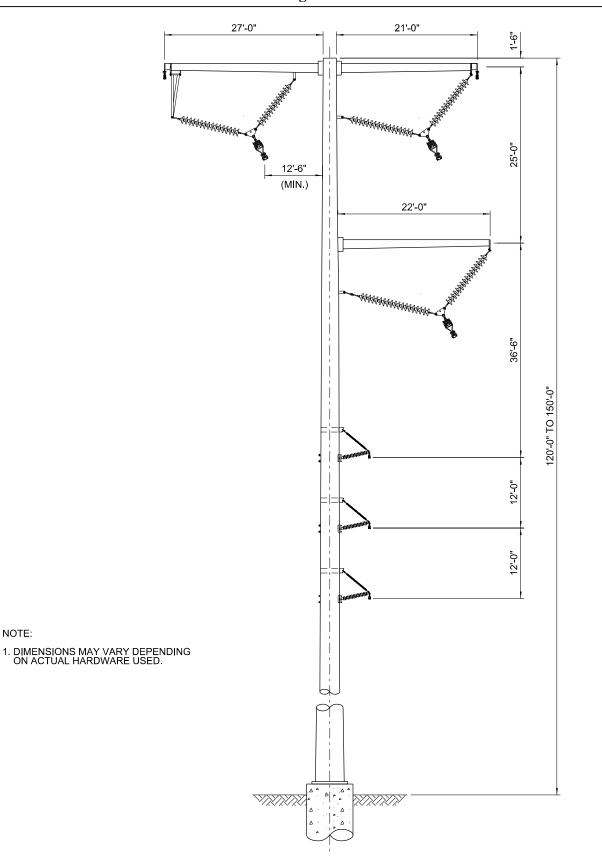
345kV STL SC TAN 0°-2.5° W/69kV UB TYPICAL STRUCTURE DRAWING BADGER COULEE TRANSMISSION LINE

DRAWING No.

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Figure 30



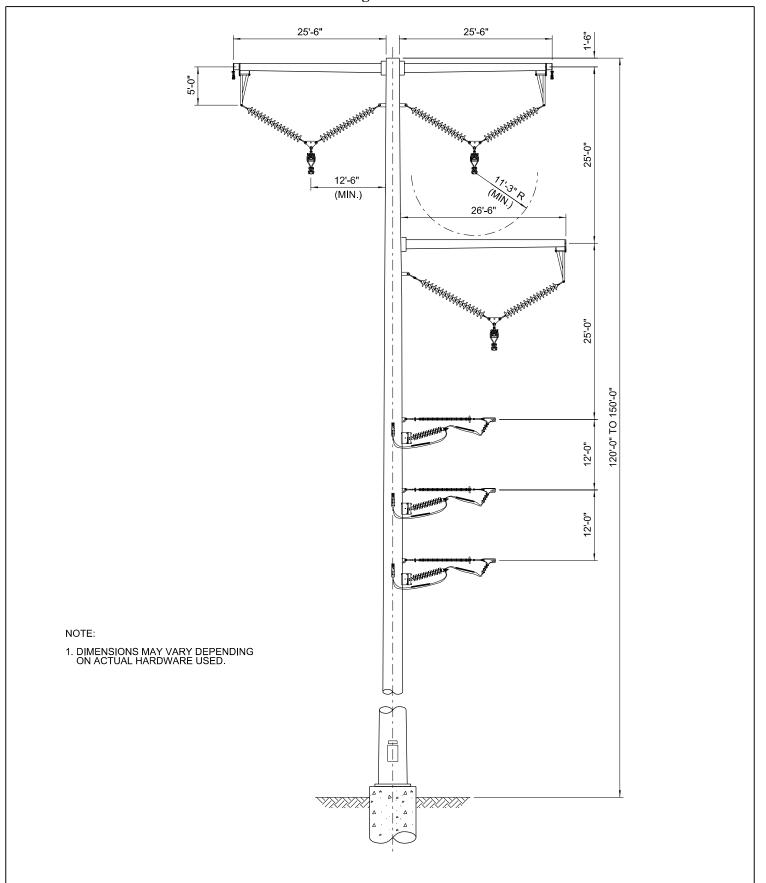


345kV STL SC SMALL ANGLE 2.5°-12° W/ 69kV UB TYPICAL STRUCTURE DRAWING BADGER COULEE TRANSMISSION LINE

DRAWING No.

NOTE:

Figure 31

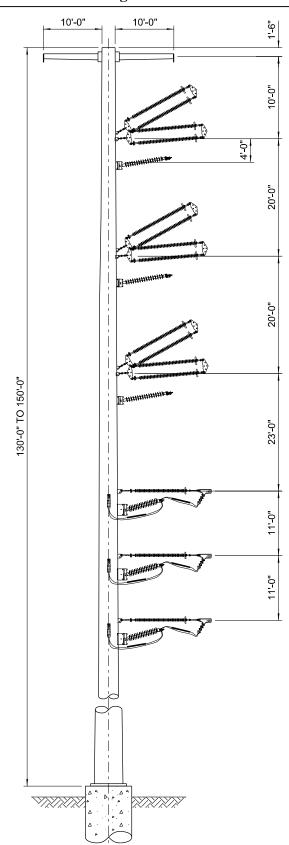




345kV STL SC TAN 0°-2.5° W/ 69 kV DE UB TYPICAL STRUCTURE DRAWING BADGER COULEE TRANSMISSION LINE

DRAWING No.

Figure 32





1. DIMENSIONS MAY VARY DEPENDING ON ACTUAL HARDWARE USED.



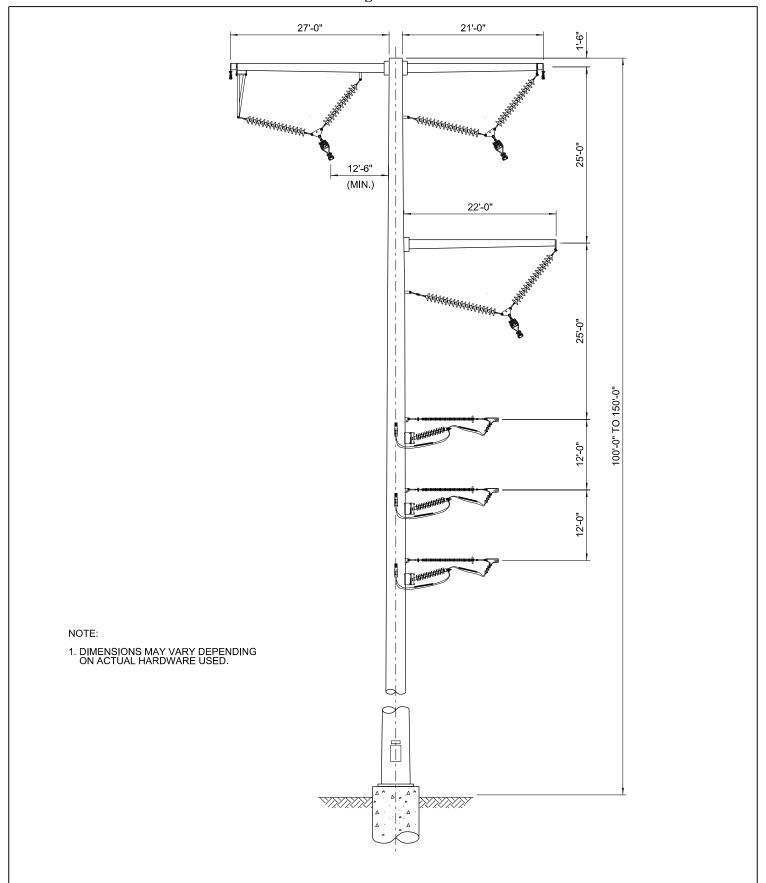
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DRAWING No.

345 kV STL SC DE 0°-60° W/ 69 kV DE UB TYPICAL STRUCTURE DRAWING BADGER COULEE TRANSMISSION LINE

BCTI P -031

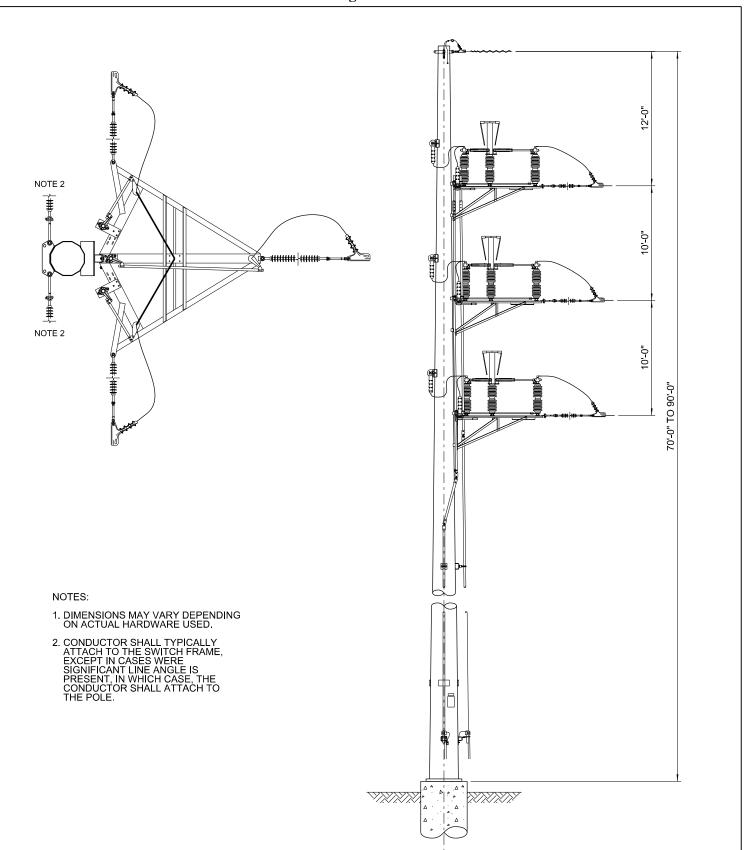
Figure 33





345kV STL SC SA 2.5°-12° W/ 69 kV DE UB TYPICAL STRUCTURE DRAWING BADGER COULEE TRANSMISSION LINE

DRAWING No.

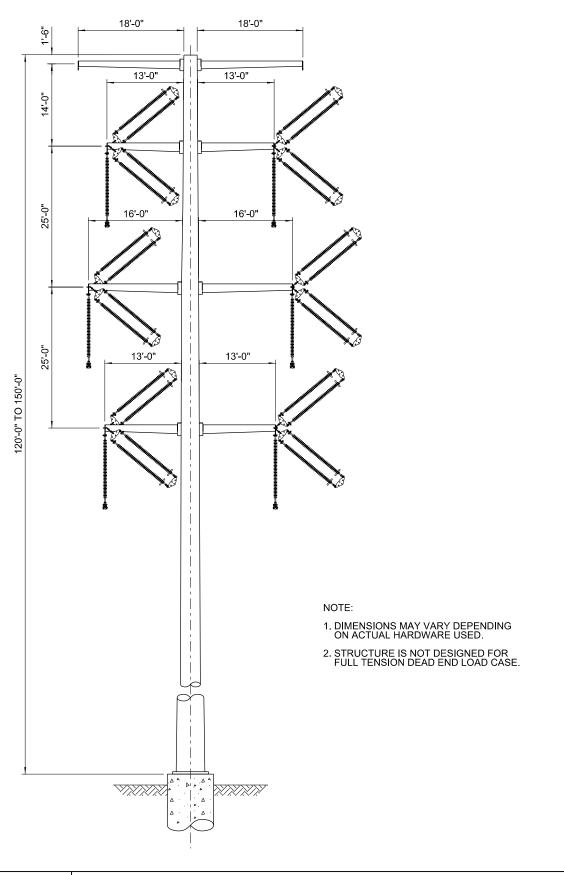




69kV STEEL SINGLE CIRCUIT 3-WAY SWITCH TYPICAL STRUCTURE DRAWING BADGER COULEE TRANSMISSION LINE

DRAWING No.

Figure 35



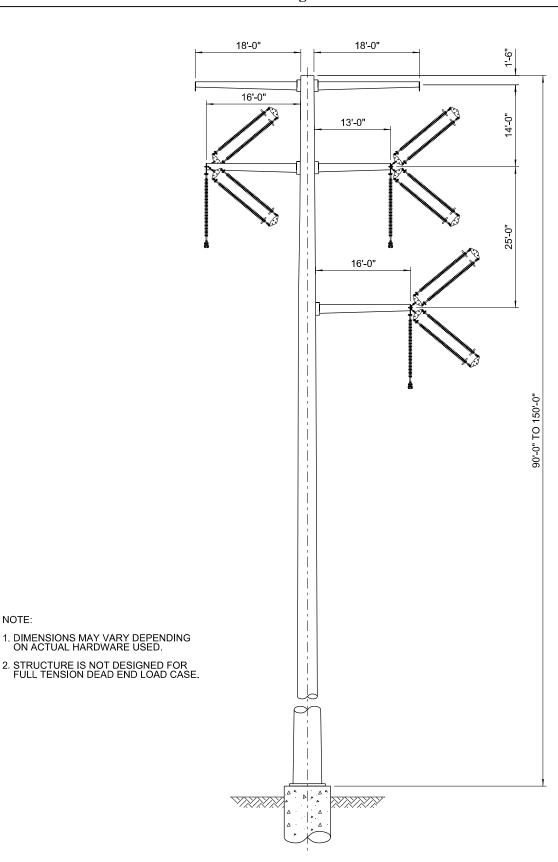


345 kV STEEL DOUBLE CIRCUIT STRAIN STR 0°-40° TYPICAL STRUCTURE DRAWING BADGER COULEE TRANSMISSION LINE

DRAWING No.

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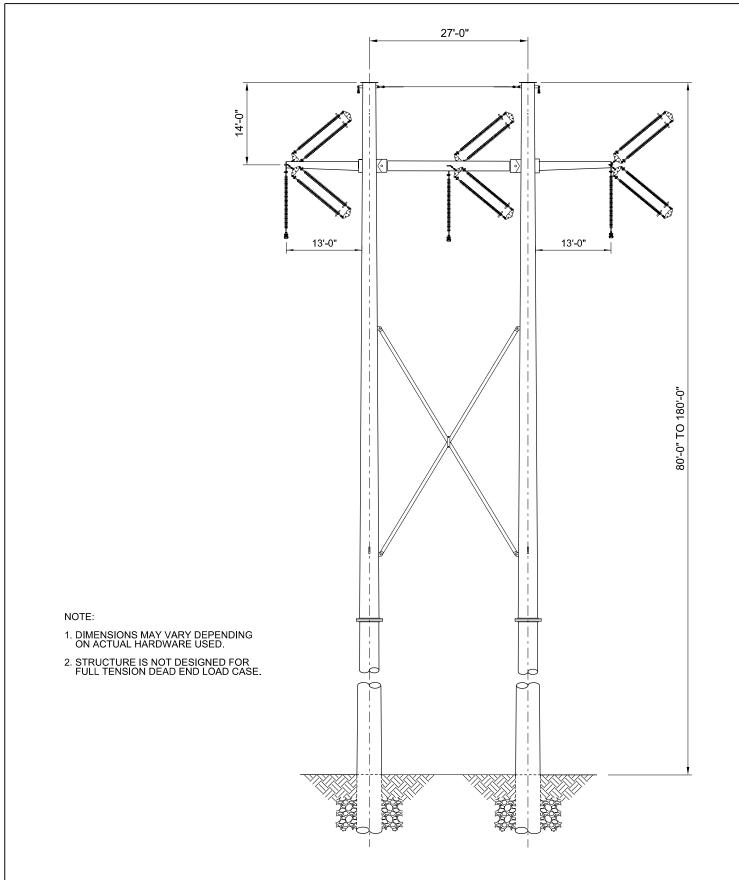
345 kV STEEL SINGLE CIRCUIT STRAIN STR 0°-40° TYPICAL STRUCTURE DRAWING BADGER COULEE TRANSMISSION LINE

DRAWING No.

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NOTE:

Figure 37





345 kV STEEL SINGLE CIRCUIT H-FRAME STRAIN STR 0°-2.5° TYPICAL STRUCTURE DRAWING BADGER COULEE TRANSMISSION LINE

DRAWING No.