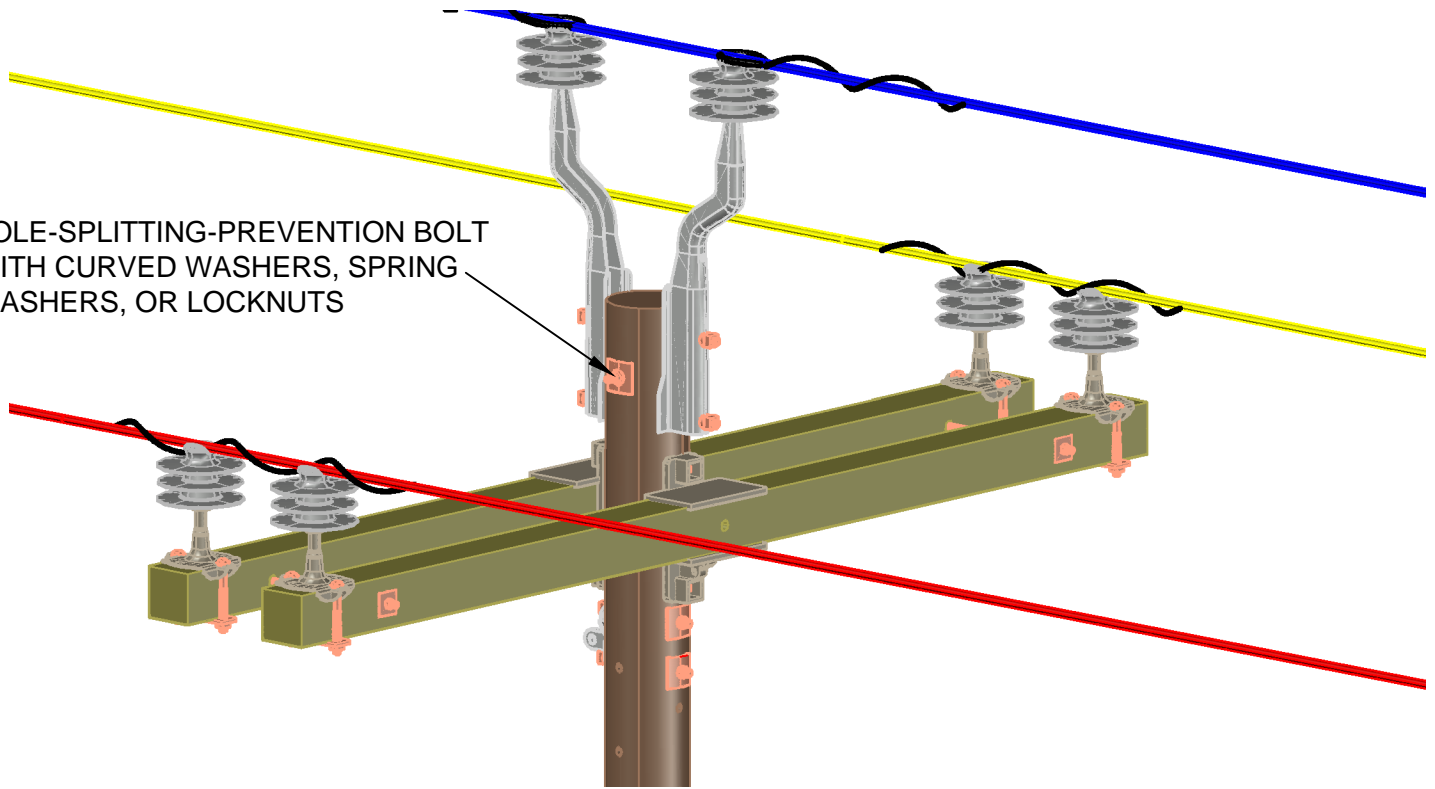
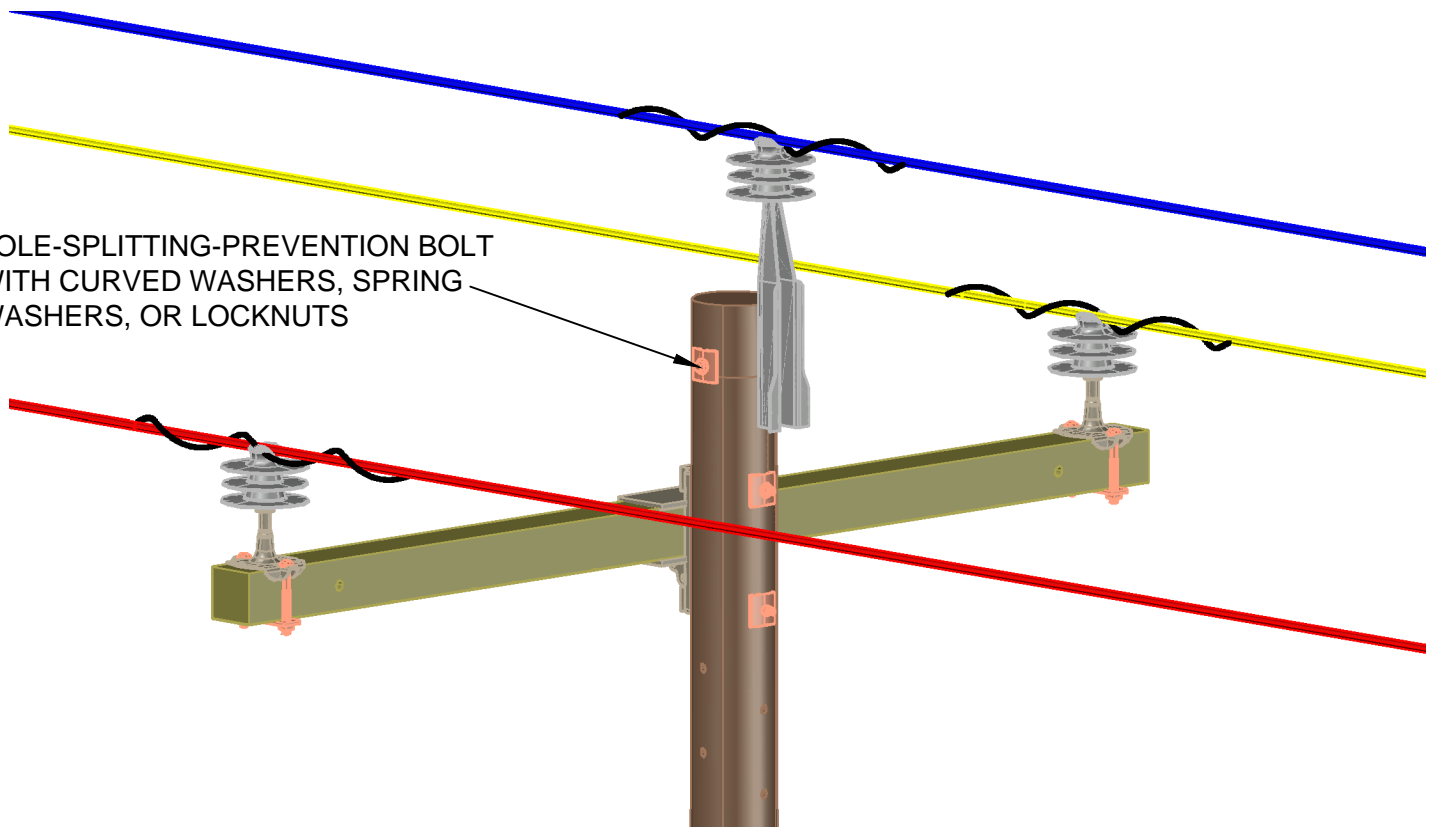


POLE-SPLITTING-PREVENTION BOLT WITH CURVED WASHERS, SPRING WASHERS, OR LOCKNUTS



POLE-SPLITTING-PREVENTION BOLT WITH CURVED WASHERS, SPRING WASHERS, OR LOCKNUTS



IN ACCORDANCE WITH THE STANDARDS COMMITTEE DECISION MADE AT THE AUGUST 8, 2019, QUARTERLY MEETING, A POLE-SPLITTING-PREVENTION BOLT SHALL BE INSTALLED 6" FROM THE TOP OF THE POLE ON ALL CONSTRUCTION WOOD POLE ASSEMBLIES. BOLT LENGTHS WILL BE DEPENDENT ON POLE CLASS.

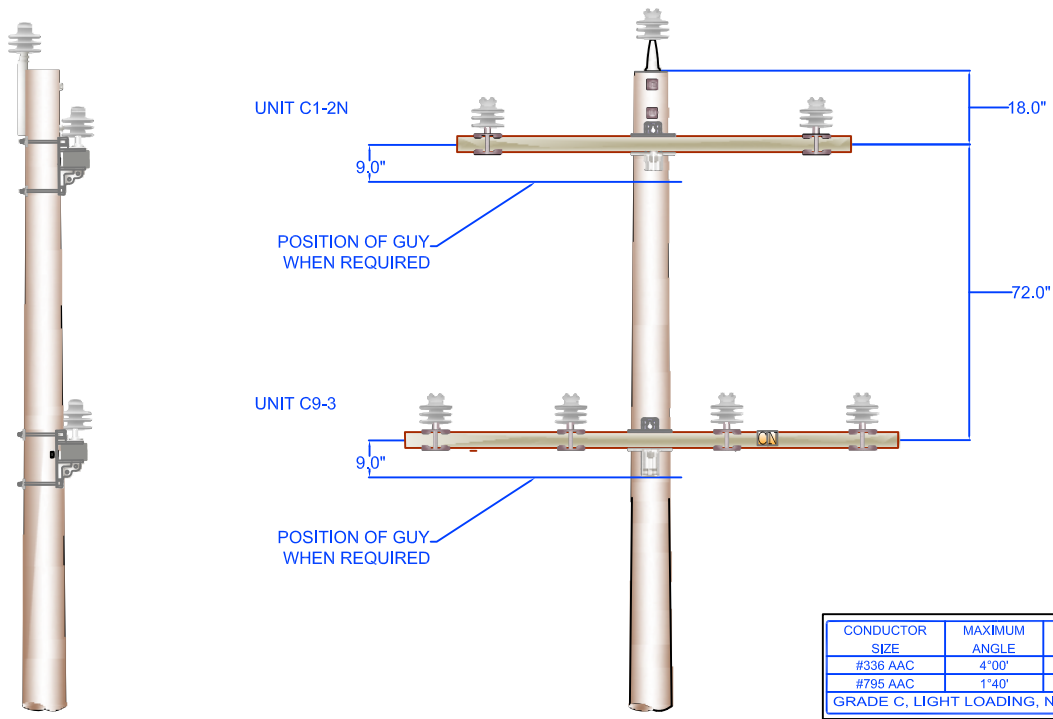
REV | B | DATE | 12/13/2022 | REVISION | OR LOCKNUTS WAS AND LOCKNUTS, REMOVED QUOTES | BY | RWC | CHK | SSS | APR | MMG



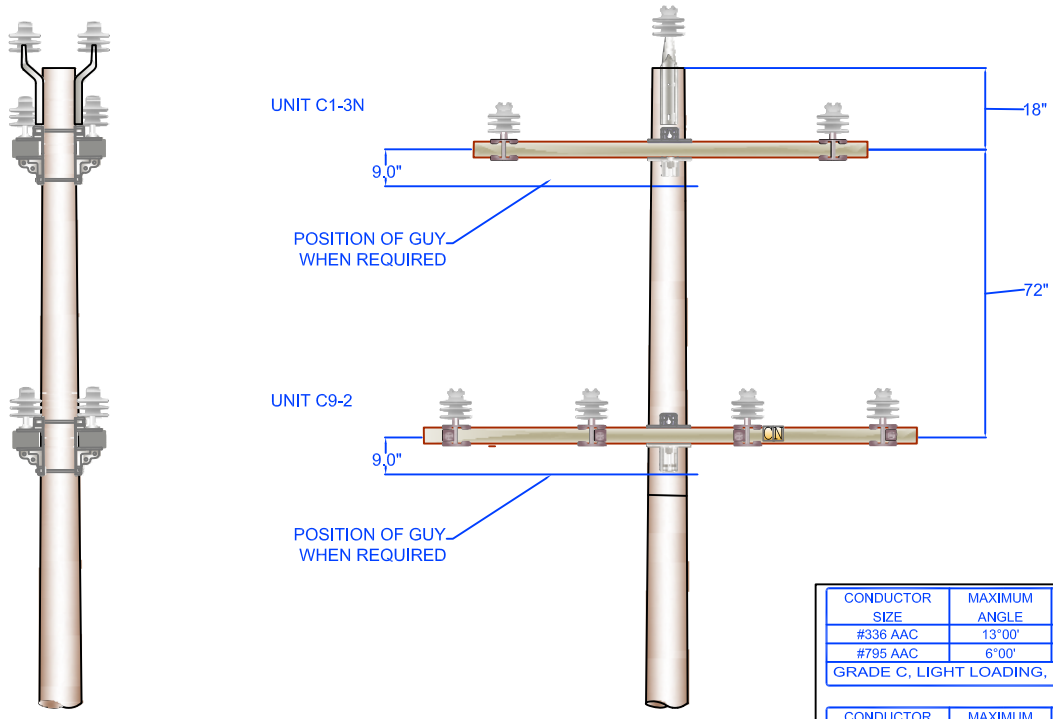
CONSTRUCTION
ASSEMBLY UNIT

SPLIT-PREVENTION BOLTS FOR WOOD POLES

drawn:	approved:	date:	SPLIT PREVENTION
RWC	MMG	12/13/2022	



CONDUCTOR SIZE	MAXIMUM ANGLE	MAXIMUM SPAN
#336 AAC	4°00'	325
#795 AAC	1°40'	250
GRADE C, LIGHT LOADING, NO CROSSING		



CONDUCTOR SIZE	MAXIMUM ANGLE	MAXIMUM SPAN
#336 AAC	13°00'	325
#795 AAC	6°00'	250
GRADE C, LIGHT LOADING, NO CROSSING		

CONDUCTOR SIZE	MAXIMUM ANGLE	MAXIMUM SPAN
#336 AAC	8°00'	325
#795 AAC	4°00'	250
GRADE B, LIGHT LOADING		

Note: If the system neutral is larger than #336 use a pole ground larger than #6 copper. See NESC 093C2.

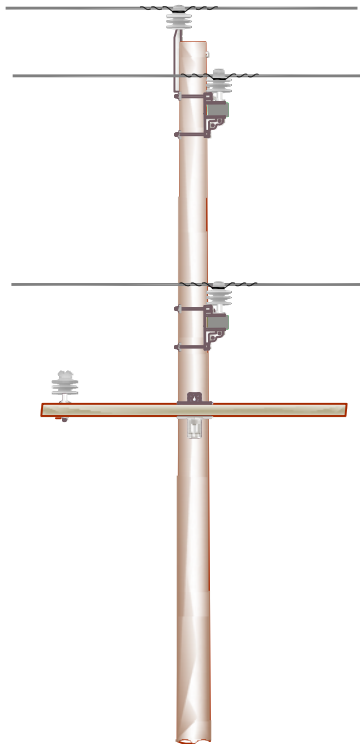


PEDERNALES ELECTRIC COOPERATIVE, INC.
CONSTRUCTION ASSEMBLY UNIT

19.9/34.5 KV Tangent to small angle Double Circuit with crossarm mounted neutral

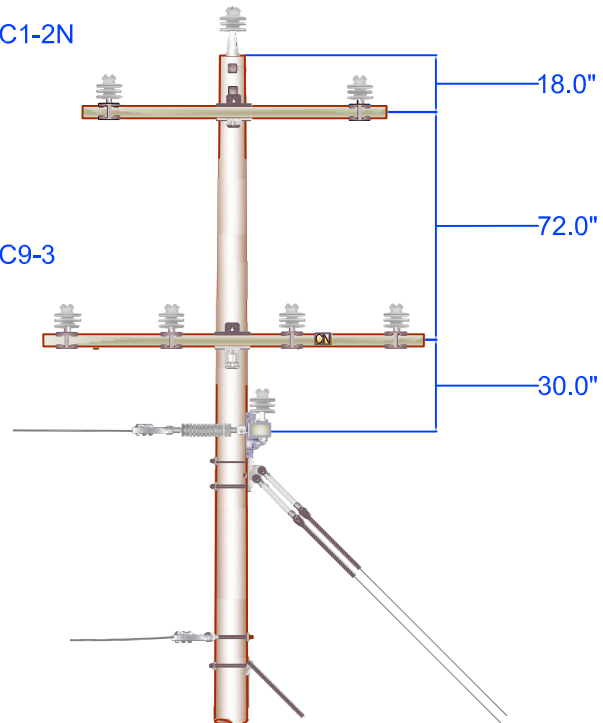
drawn:	approved	date:	C1-2N/C9-3 C1-3N/C9-2
REB	MJB	June 17, 2014	

C7-7
and
M5-5

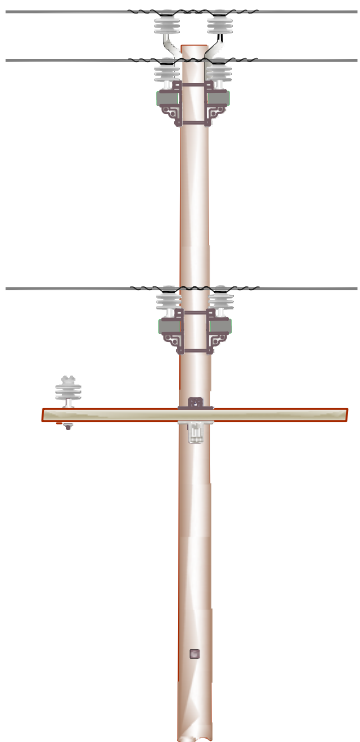


C1-2N

C9-3

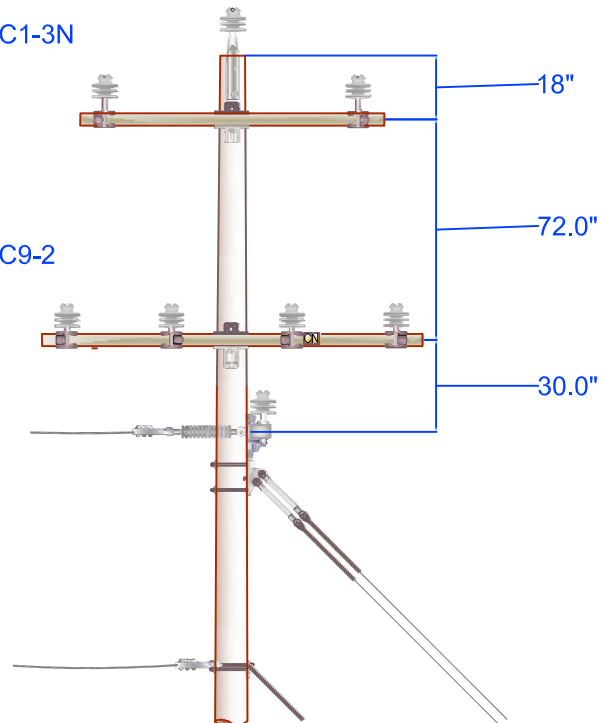


C7-7
and
M5-5



C1-3N

C9-2



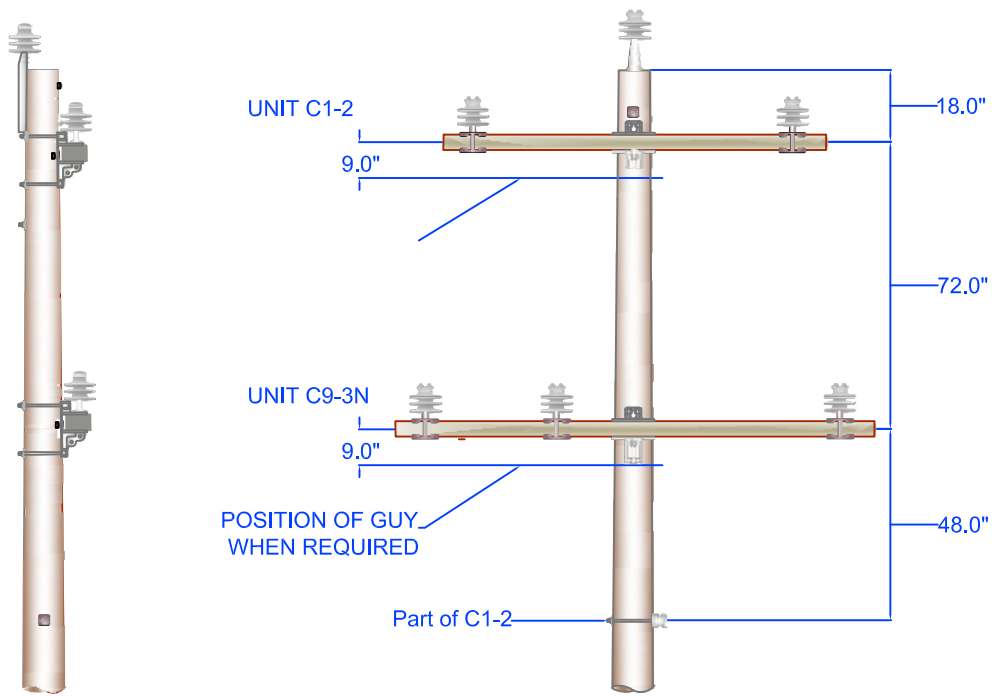
Note: If the system neutral is larger than #336 use a pole ground larger than #6 copper.
See NESC 093C2.



PEDERNALES ELECTRIC
COOPERATIVE, INC.
CONSTRUCTION ASSEMBLY UNIT

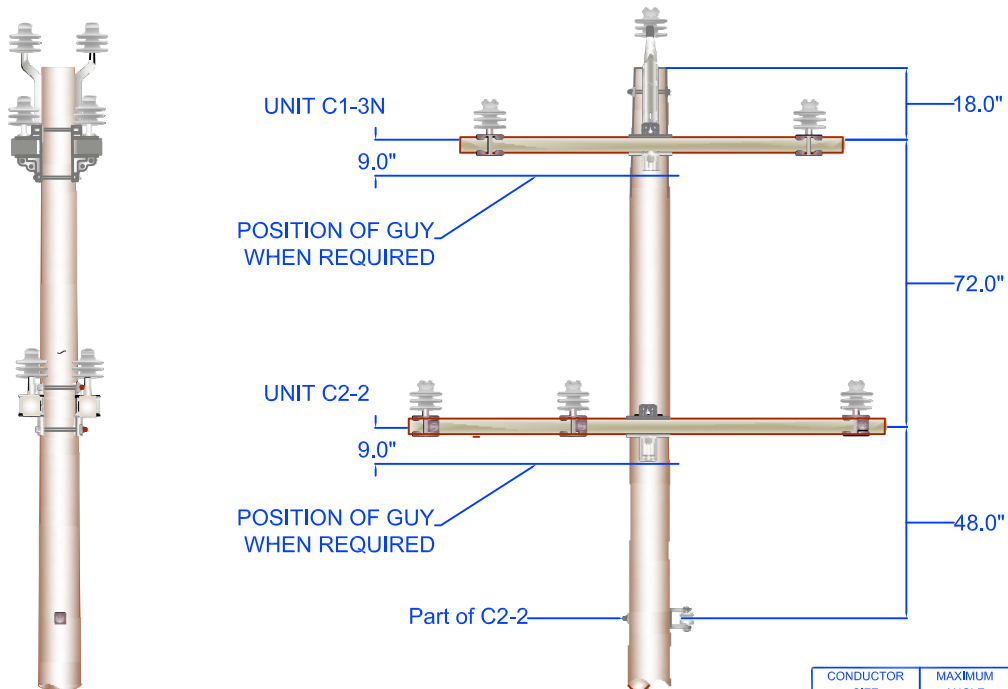
Tangent to Small Angle Double Circuit
with a Bottom Mounted Tap. See Unit
C1-2N/C9-3 and C1-3/C9-2 in Multi-Circuit

drawn:	approved	date:
REB	MJB	June 18, 2014



CONDUCTOR SIZE	MAXIMUM ANGLE	MAXIMUM SPAN
#336 AAC	4°00'	325
#795 AAC	1°40'	250

GRADE C, LIGHT LOADING, NO CROSSING



CONDUCTOR SIZE	MAXIMUM ANGLE	MAXIMUM SPAN
#336 AAC	13°00'	325
#795 AAC	6°00'	250

GRADE C, LIGHT LOADING, NO CROSSING

CONDUCTOR SIZE	MAXIMUM ANGLE	MAXIMUM SPAN
#336 AAC	8°00'	325
#795 AAC	4°00'	250

GRADE B, LIGHT LOADING

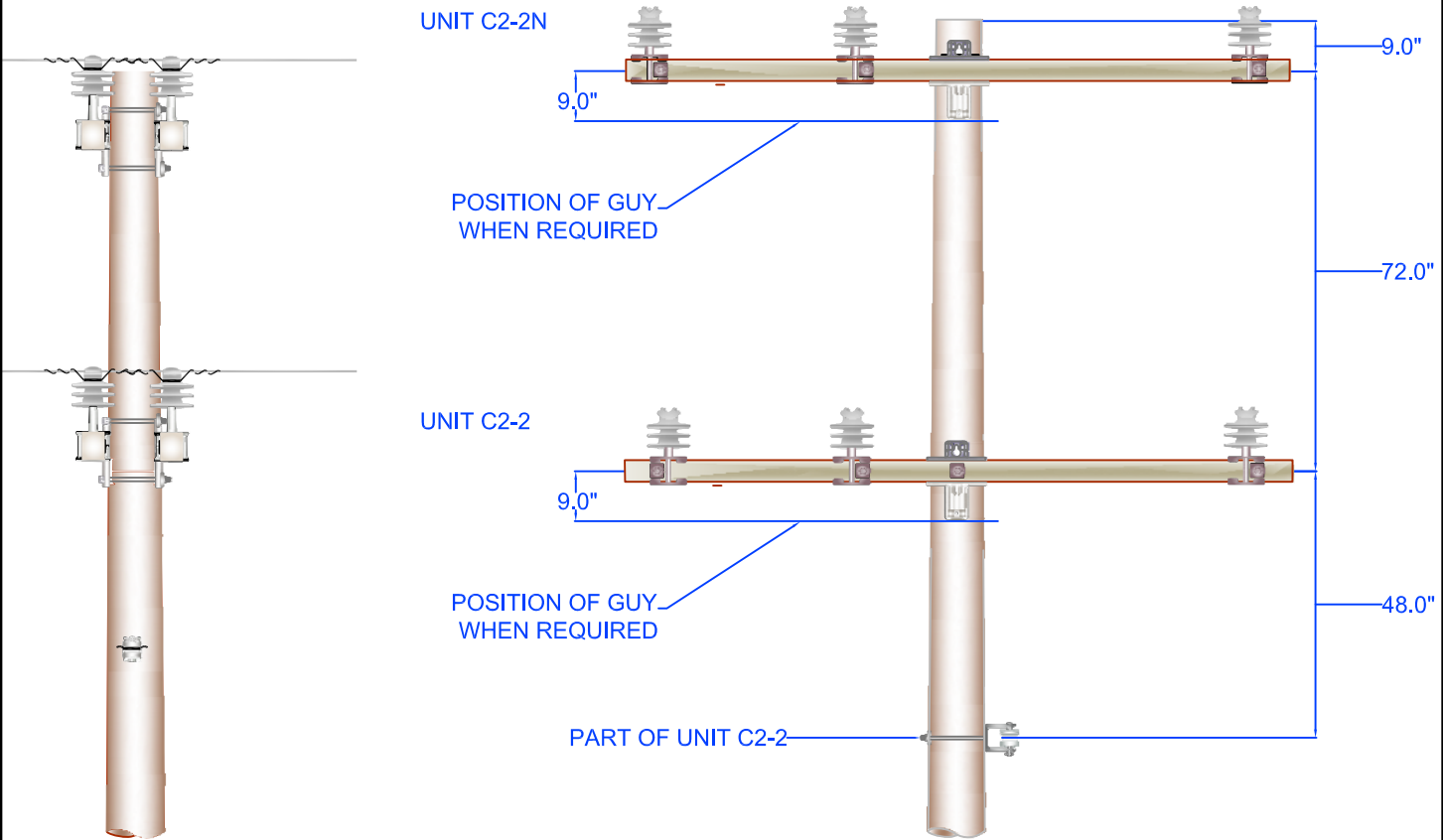
Note: If the system neutral is larger than #336 use a pole ground larger than #6 copper. See NESC 093C2.



PEDERNALES ELECTRIC
COOPERATIVE, INC.
CONSTRUCTION ASSEMBLY UNIT

19.9/34.5 KV Tangent to small angle
Double Circuit with pole mounted neutral

drawn: REB	approved MJB	date: June 20, 2014	C1-2/C9-3N C1-3N/C2-2
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CONDUCTOR SIZE	MAXIMUM ANGLE	MAXIMUM SPAN
#336 AAC	30°00'	325
#795 AAC	17°00'	250

GRADE C, LIGHT LOADING, NOT AT A CROSSING

CONDUCTOR SIZE	MAXIMUM ANGLE	MAXIMUM SPAN
#336 AAC	24°00'	325
#795 AAC	12°00'	250

GRADE B, LIGHT LOADING

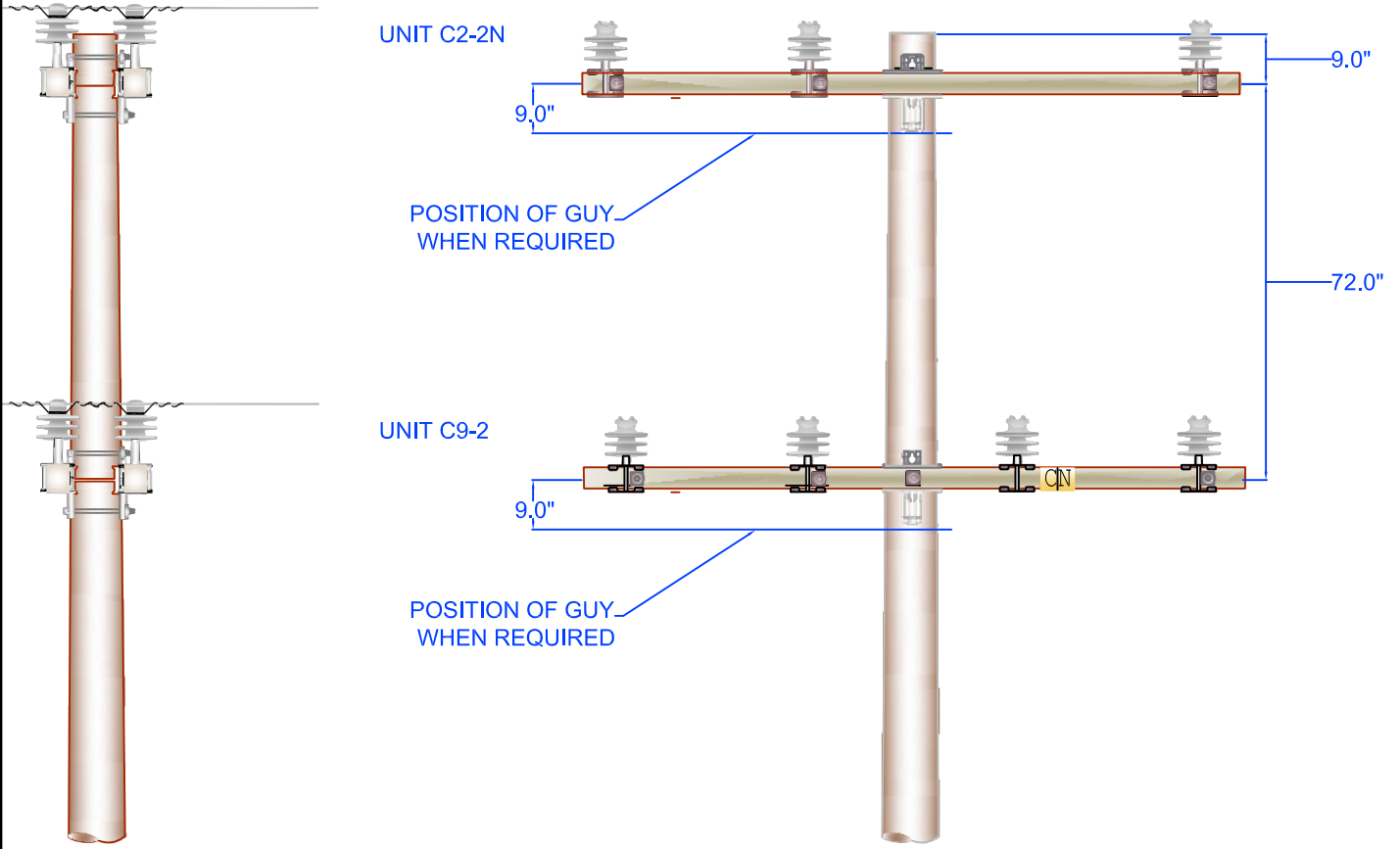
Note: If the system neutral is larger than #336 use a pole ground larger than #6 copper. See NESC 093C2.



PEDERNALES ELECTRIC
COOPERATIVE, INC.
CONSTRUCTION ASSEMBLY UNIT

19.9/34.5 KV Angle Double Circuit
with pole mounted neutral

drawn: REB	approved MJB	date: June 18, 2014	C2-2N/C2-2



CONDUCTOR SIZE	MAXIMUM ANGLE	MAXIMUM SPAN
#336 AAC	30°00'	325
#795 AAC	17°00'	250

GRADE C, LIGHT LOADING, NOT AT A CROSSING

CONDUCTOR SIZE	MAXIMUM ANGLE	MAXIMUM SPAN
#336 AAC	24°00'	325
#795 AAC	12°00'	250

GRADE B, LIGHT LOADING

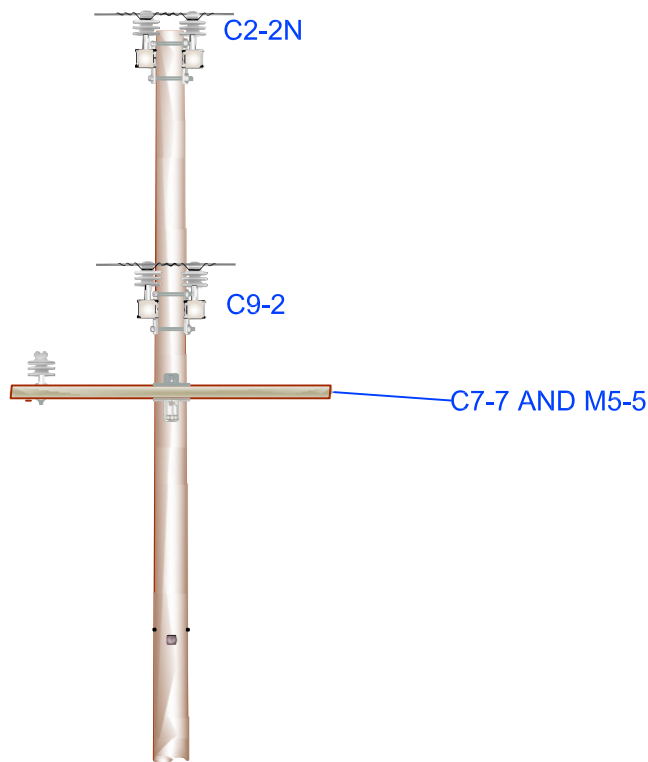
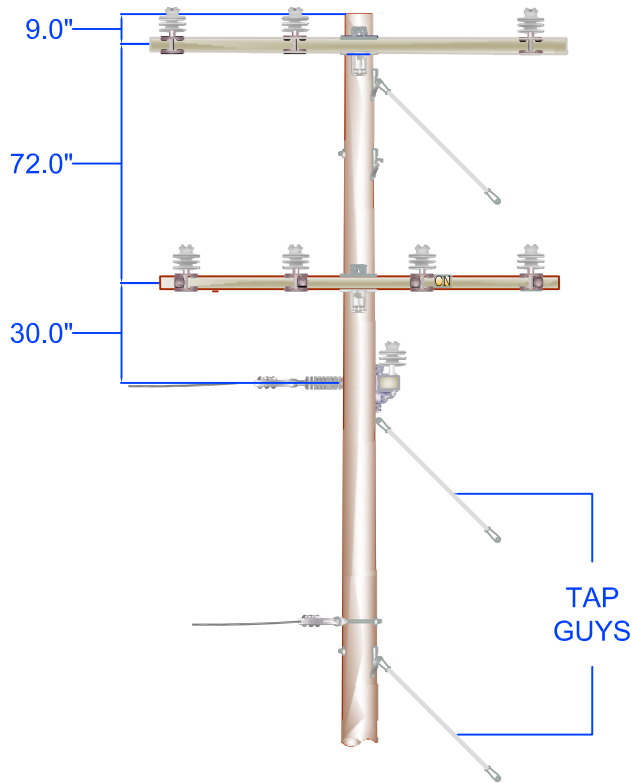
Note: If the system neutral is larger than #336 use a pole ground larger than #6 copper. See NESC 093C2.



PEDERNALES ELECTRIC
COOPERATIVE, INC.
CONSTRUCTION ASSEMBLY UNIT

19.9/34.5 KV Angle Double Circuit
with crossarm mounted neutral

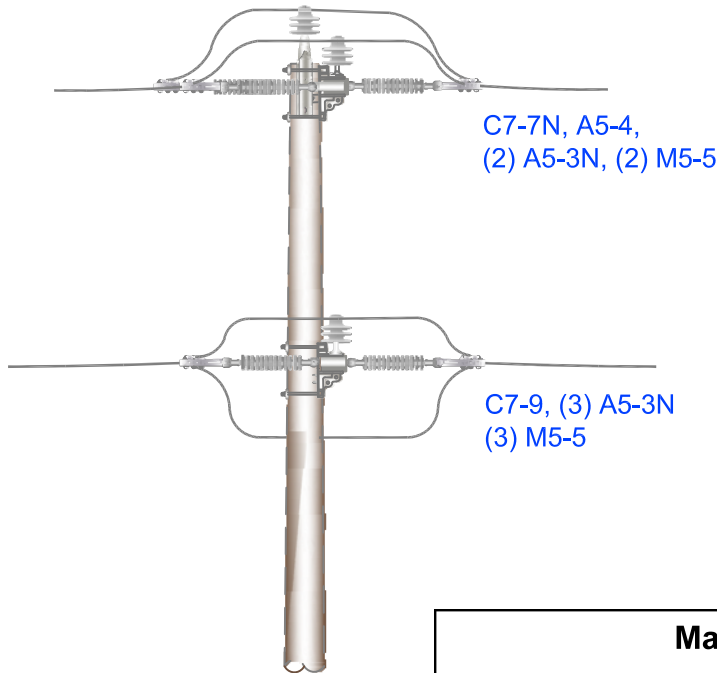
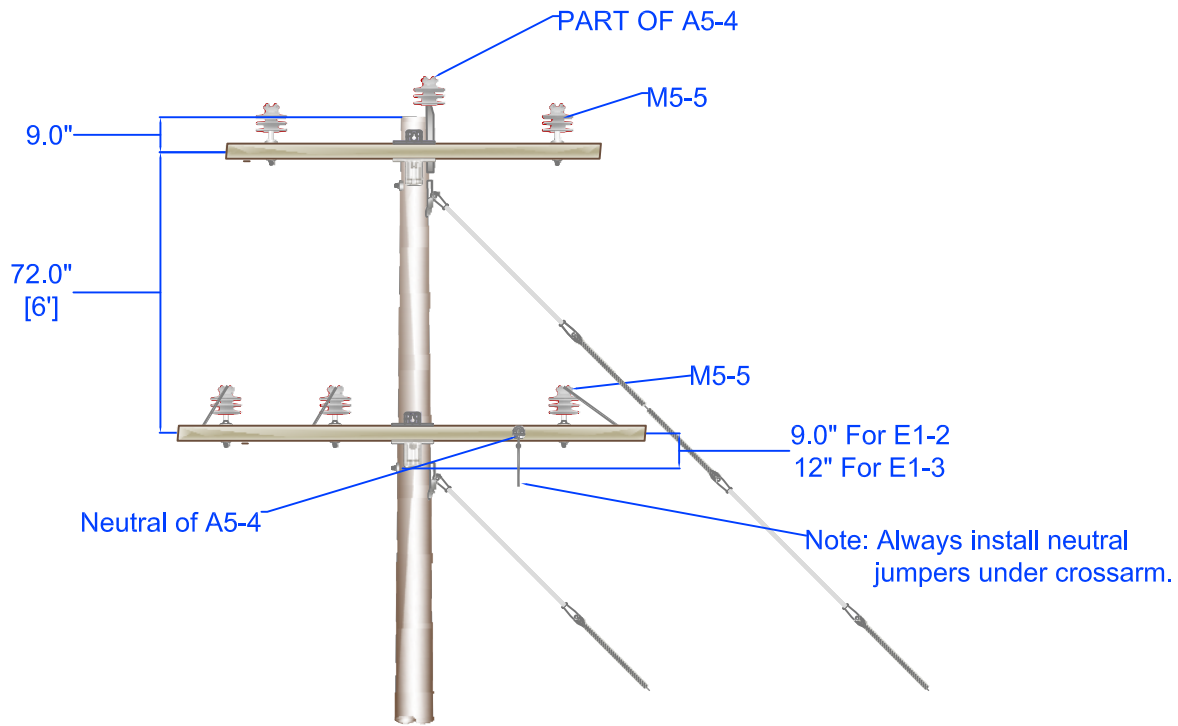
drawn: REB	approved MJB	date: June 20, 2014	C2-2N/C9-2



PEDERNALES ELECTRIC
COOPERATIVE, INC.
CONSTRUCTION ASSEMBLY UNIT

Double Circuit Angle with BOTTOM Mounted Tap. See Unit C2-2N/C9-2 in Multi-Circuit section for Construction Specifications and maximum angles.

drawn:	approved	date:
REB	MJB	June 18, 2014



Maximum Line Angle			
#795 AAC with a #795 AAC Neutral			
Grade of Construction	Maximum Line Angle	Guy Unit	Anchor Unit
B	40°	(2) E1-3 E1-2	(2) F1-4 F1-3
C	40°	(2) E1-3	(2) F1-4

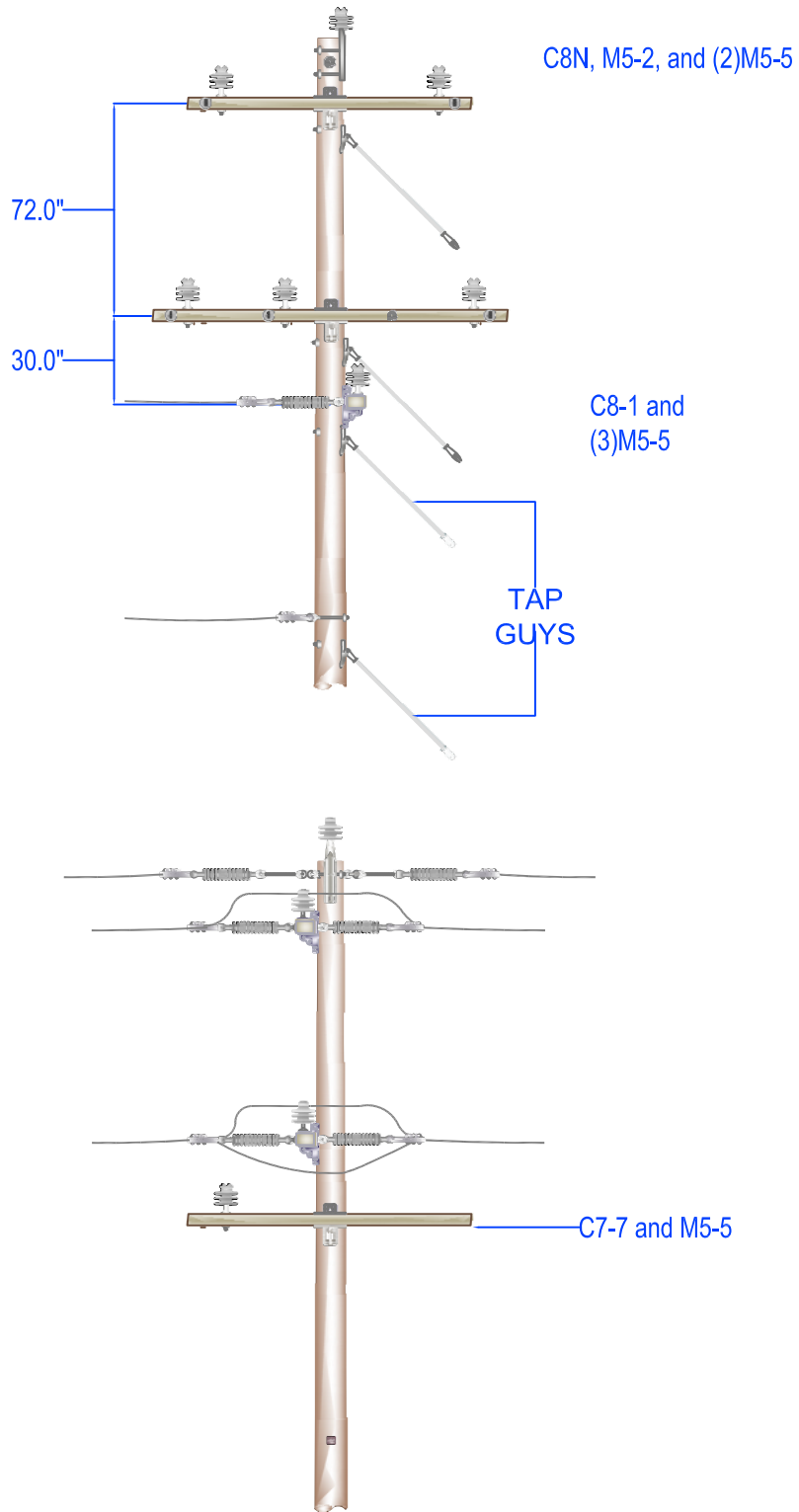
Note: If the system neutral is larger than #336 use a pole ground larger than #6 copper. See NESC 093C2.



PEDERNALES ELECTRIC
COOPERATIVE, INC.
CONSTRUCTION ASSEMBLY UNIT

Double circuit angle structure
For angles up to 40° Grade B Construction
For up to to 40° Grade C Construction

drawn:	approved	date:	C7-7N/C7-9
REB	MJB	June 18, 2014	



PEDERNALES ELECTRIC
 COOPERATIVE, INC.
 CONSTRUCTION ASSEMBLY UNIT

Double Circuit Angle with a Bottom Mounted Tap. See Unit C8-1N/C8-1 in Multi-Circuit section for Construction Specifications and maximum angles.

drawn:	approved	date:	
REB	MJB	November 4, 2013	