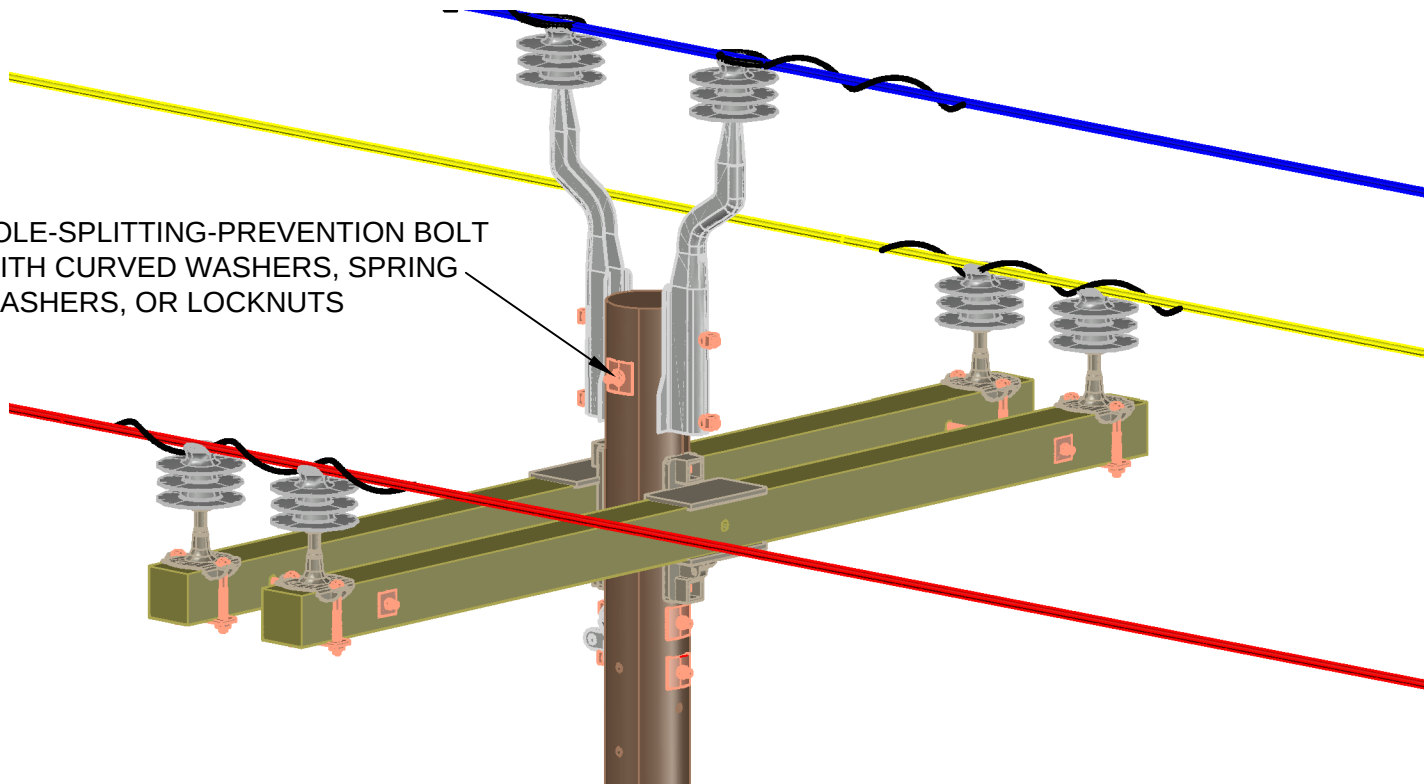
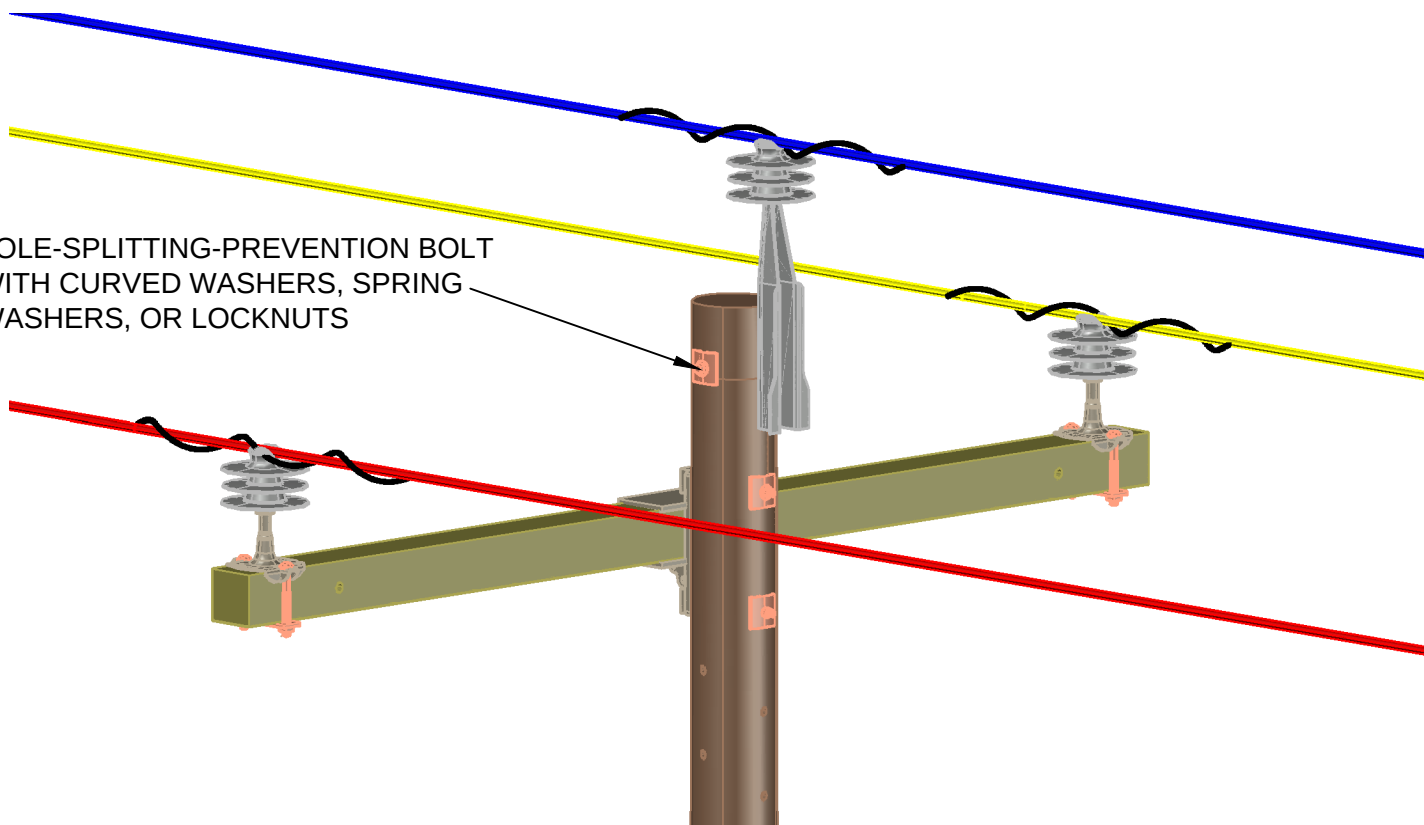


POLE-SPLITTING-PREVENTION BOLT
WITH CURVED WASHERS, SPRING
WASHERS, OR LOCKNUTS



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.

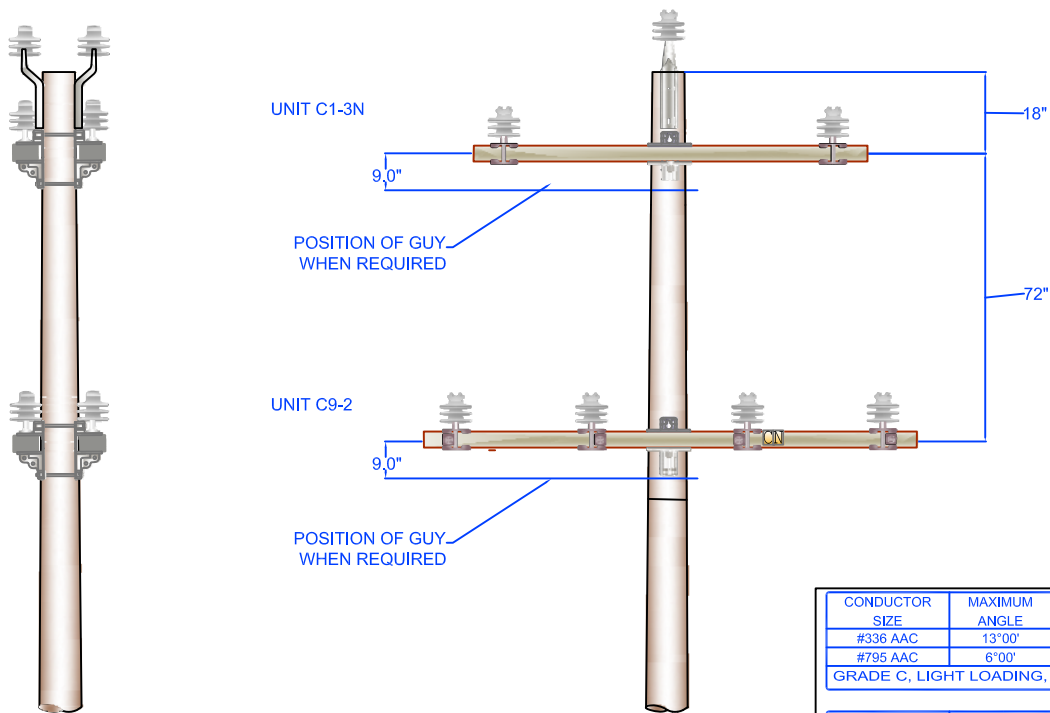
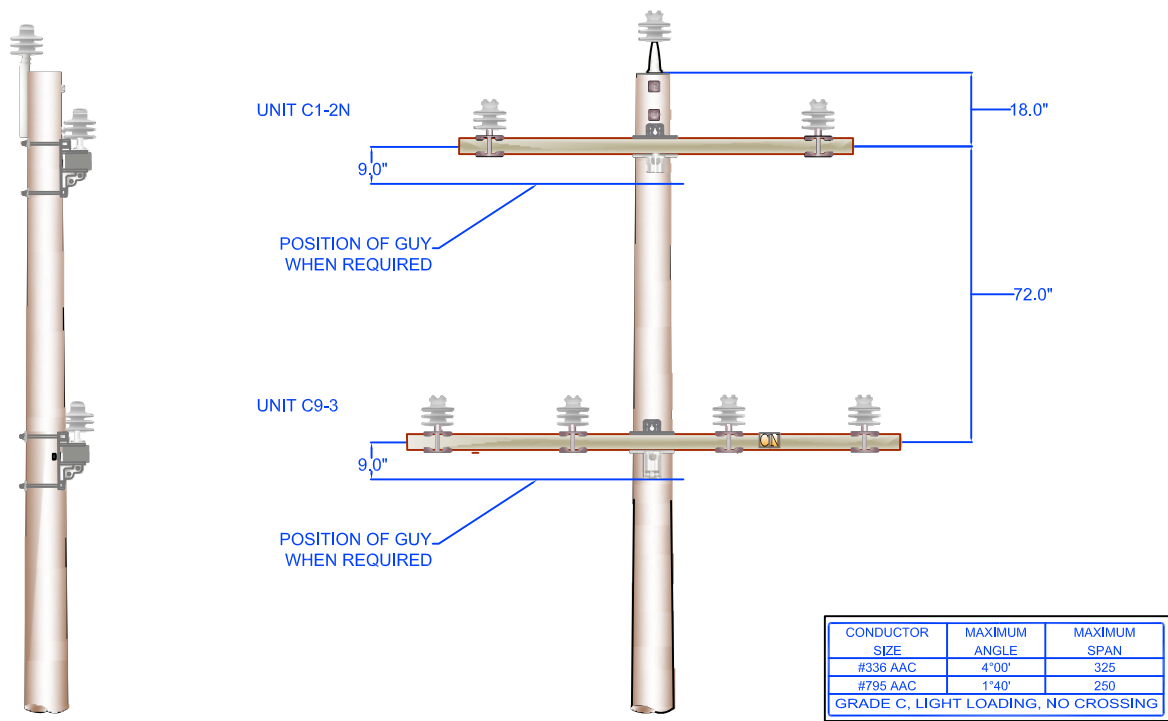
REV | B | DATE | 12/13/2022 | REVISION | OR LOCKNUTS WAS AND LOCKNUTS, REMOVED QUOTES | BY | RWC | CHK | SSS | APR | MMG



CONSTRUCTION
ASSEMBLY UNIT

SPLIT-PREVENTION BOLTS FOR WOOD POLES

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



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

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

GRADE B, LIGHT LOADING



PEDERNALES ELECTRIC
COOPERATIVE, INC.
CONSTRUCTION ASSEMBLY UNIT

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

drawn:

REB

approved

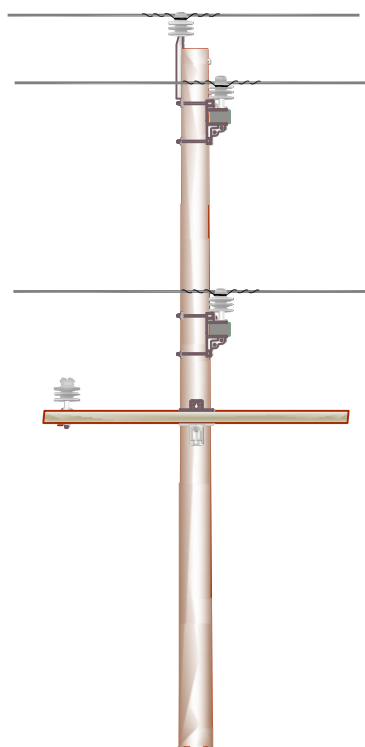
MJB

date:

June 17, 2014

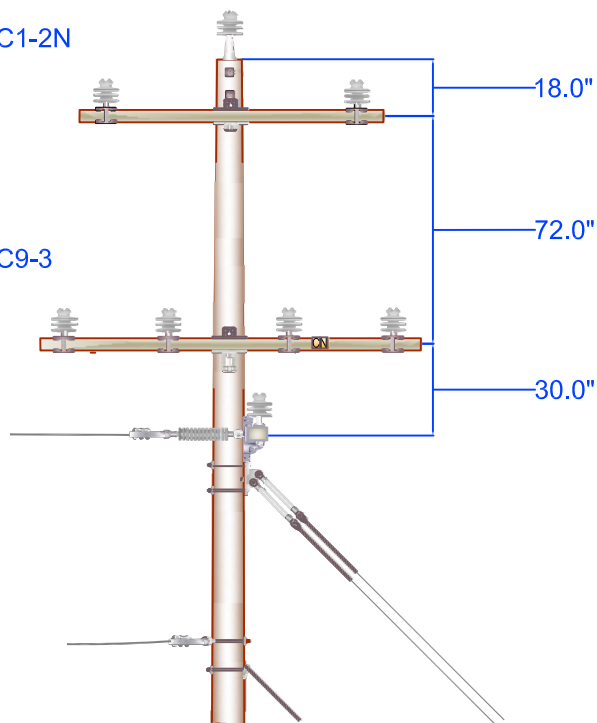
C1-2N/C9-3
C1-3N/C9-2

C7-7
and
M5-5

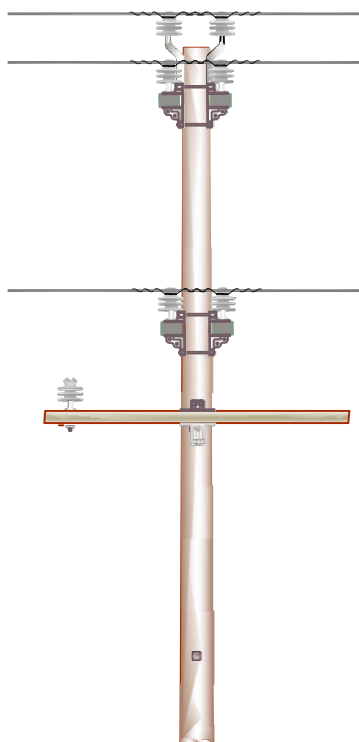


C1-2N

C9-3

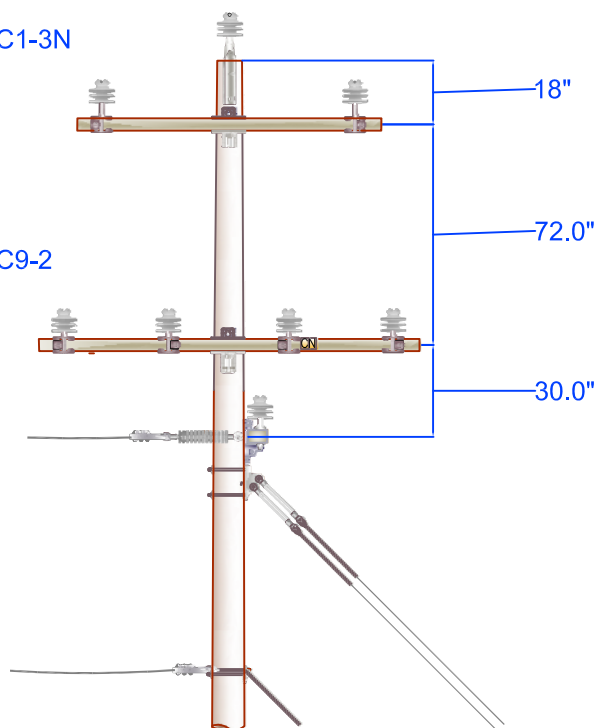


C7-7
and
M5-5



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:

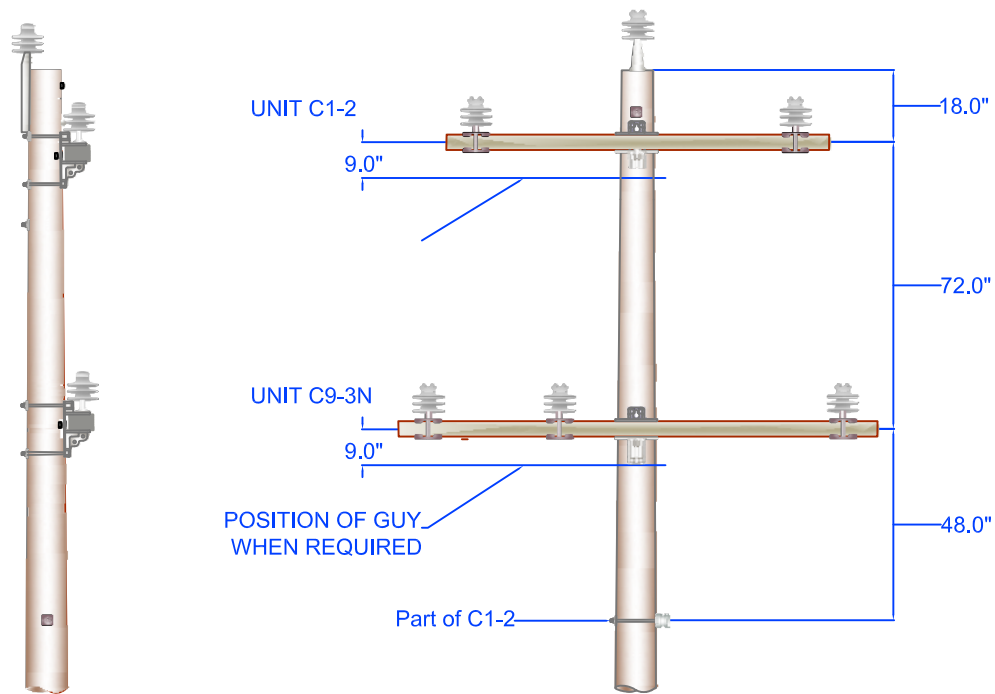
REB

approved

MJB

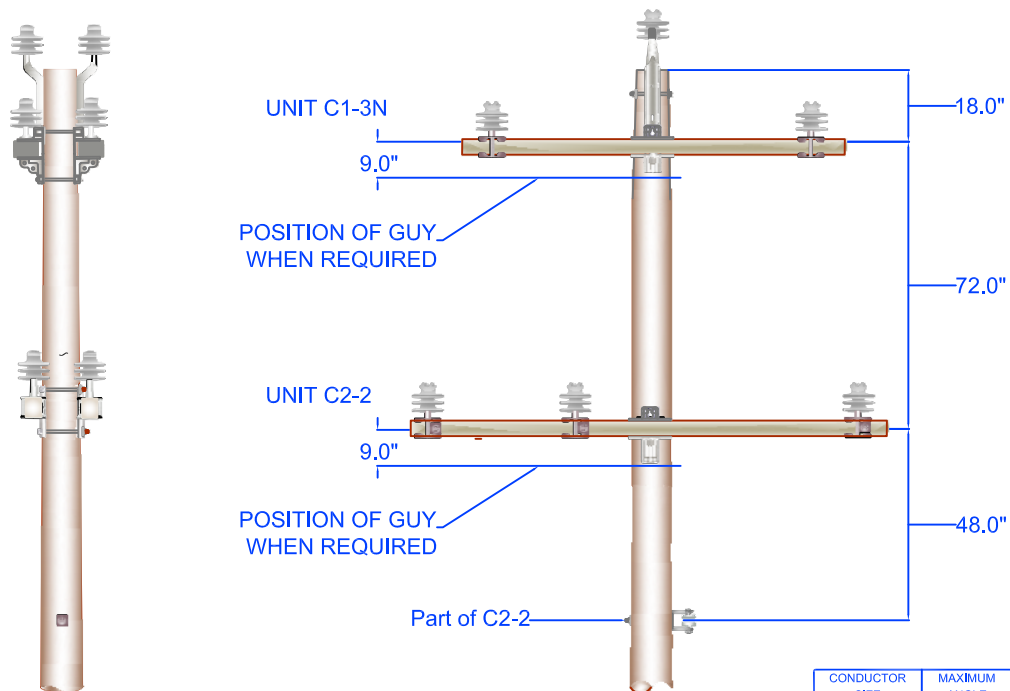
date:

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

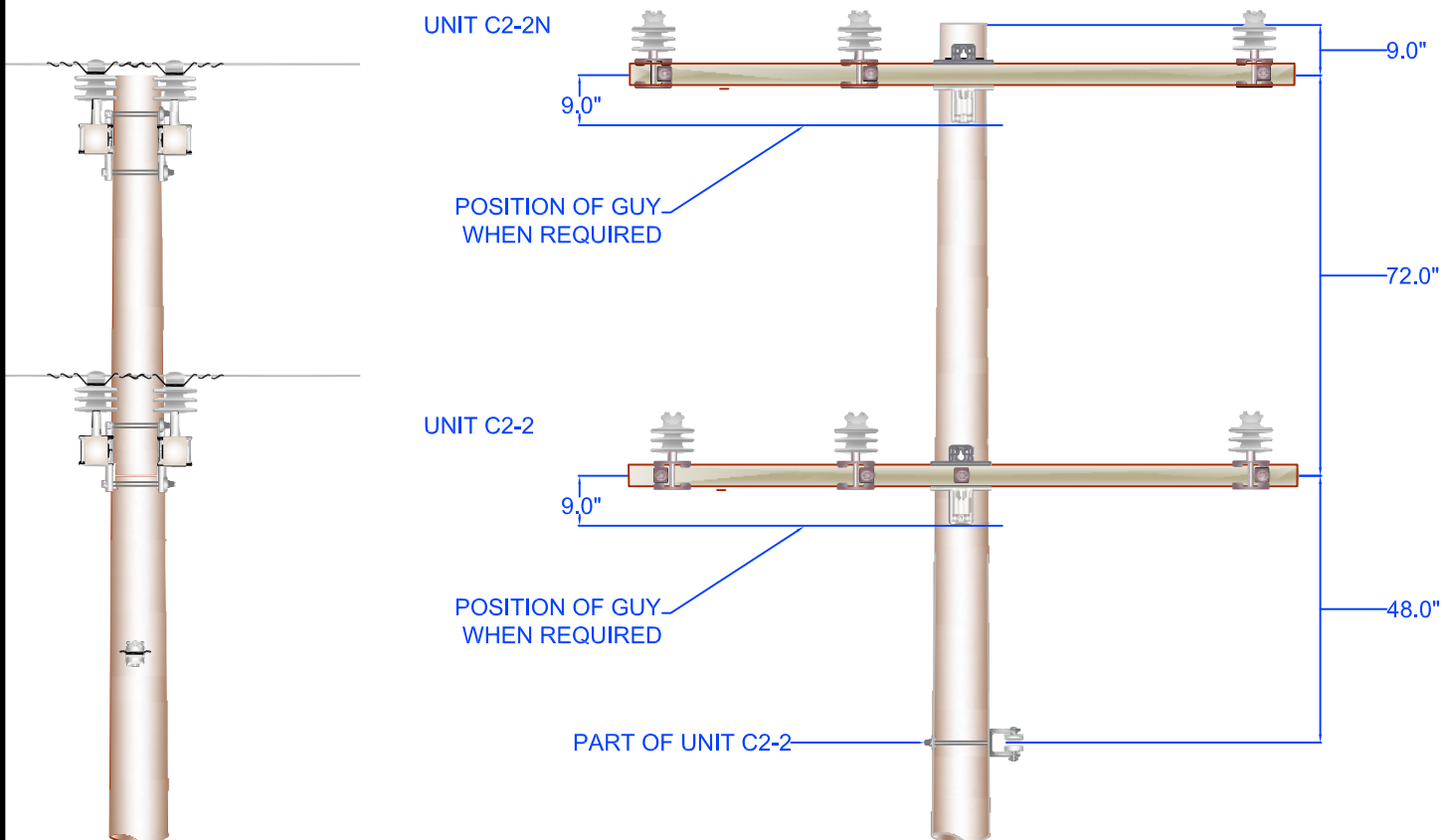
Note: If the system neutral is larger than #336 use a pole ground larger than #6 copper. See NESC 093C2.



PEDERNALES ELECTRIC
COOPERATIVE, INC.
CONSTRUCTION ASSEMBLY UNIT

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

drawn:	approved	date:	C1-2/C9-3N
REB	MJB	June 20, 2014	C1-3N/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

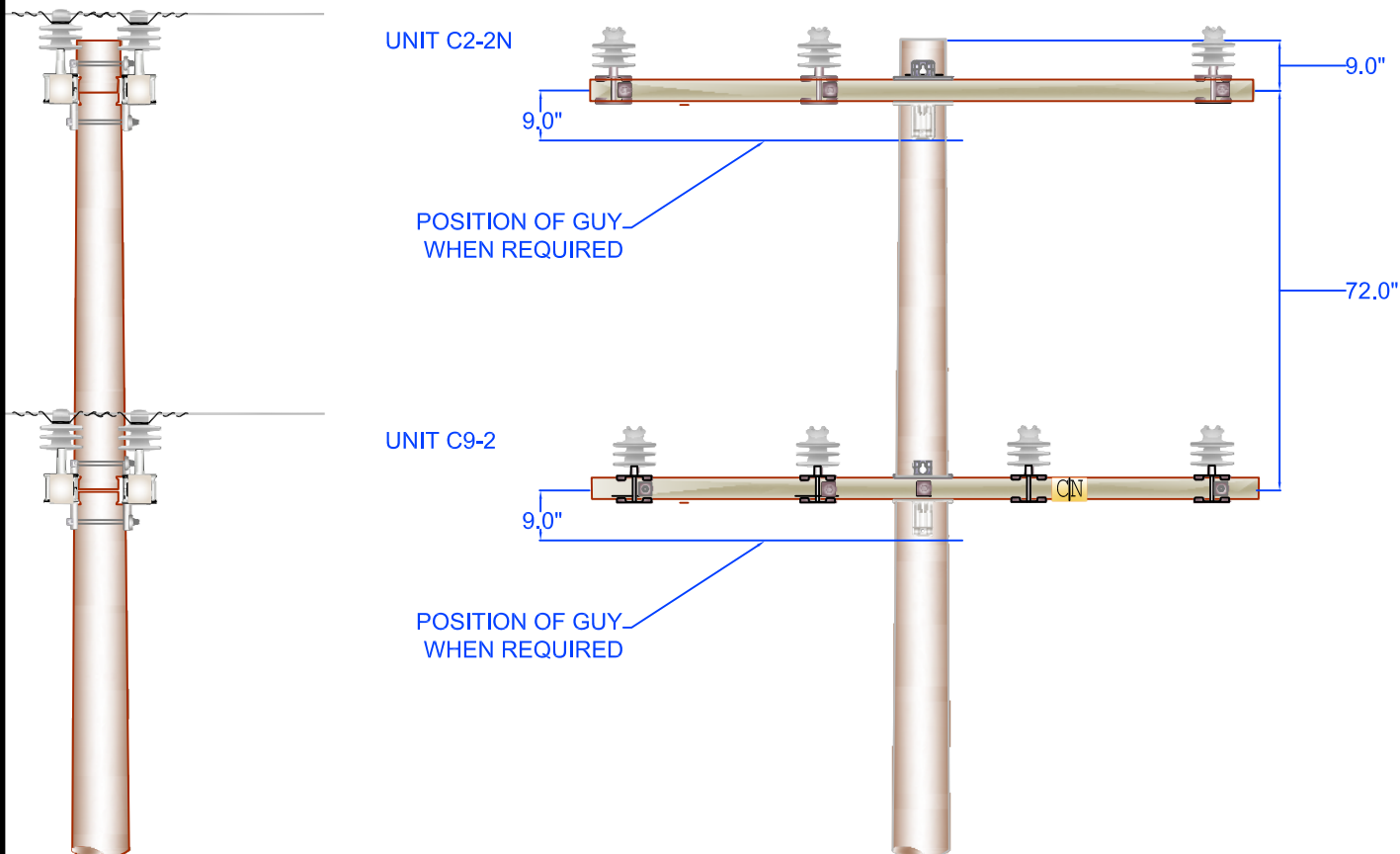
19.9/34.5 KV Angle Double Circuit
with pole mounted neutral

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

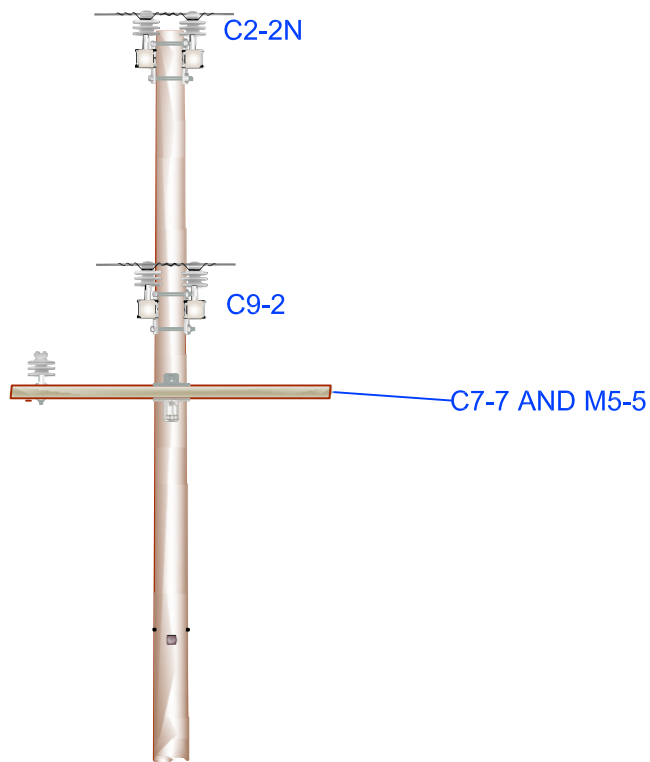
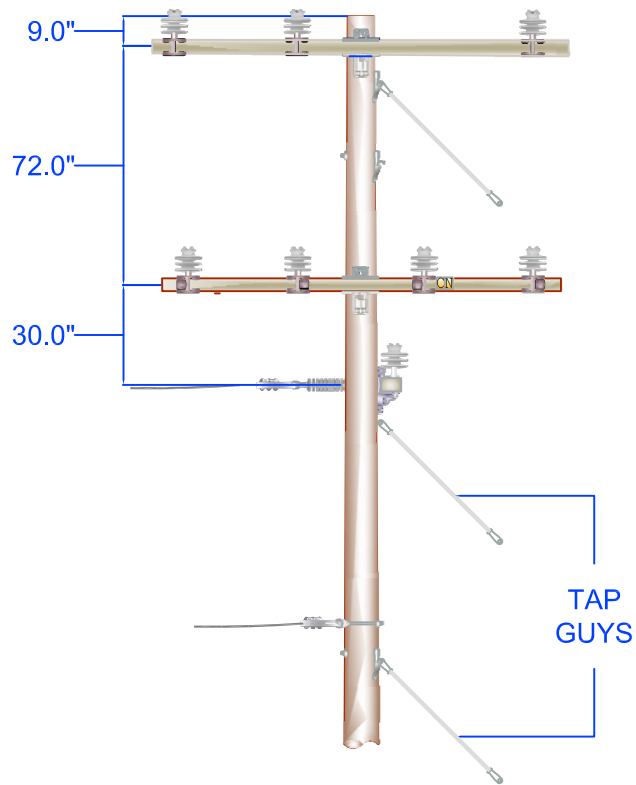
Note: If the system neutral is larger than #336 use a pole ground larger than #6 copper. See NESC 093C2.



PEDERNALES ELECTRIC
COOPERATIVE, INC.
CONSTRUCTION ASSEMBLY UNIT

19.9/34.5 KV Angle Double Circuit
with crossarm mounted neutral

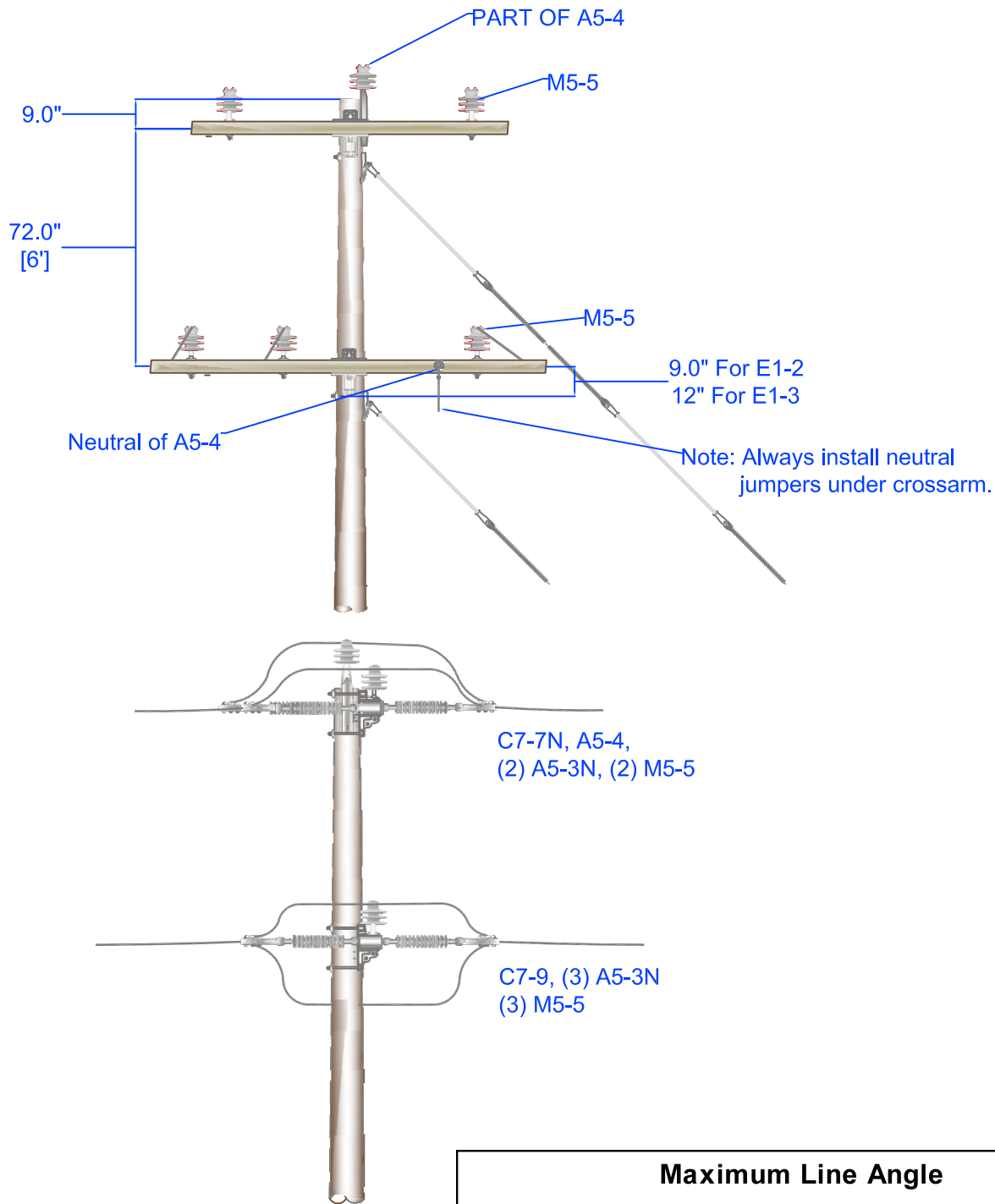
drawn:	approved	date:	C2-2N/C9-2
REB	MJB	June 20, 2014	



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	



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

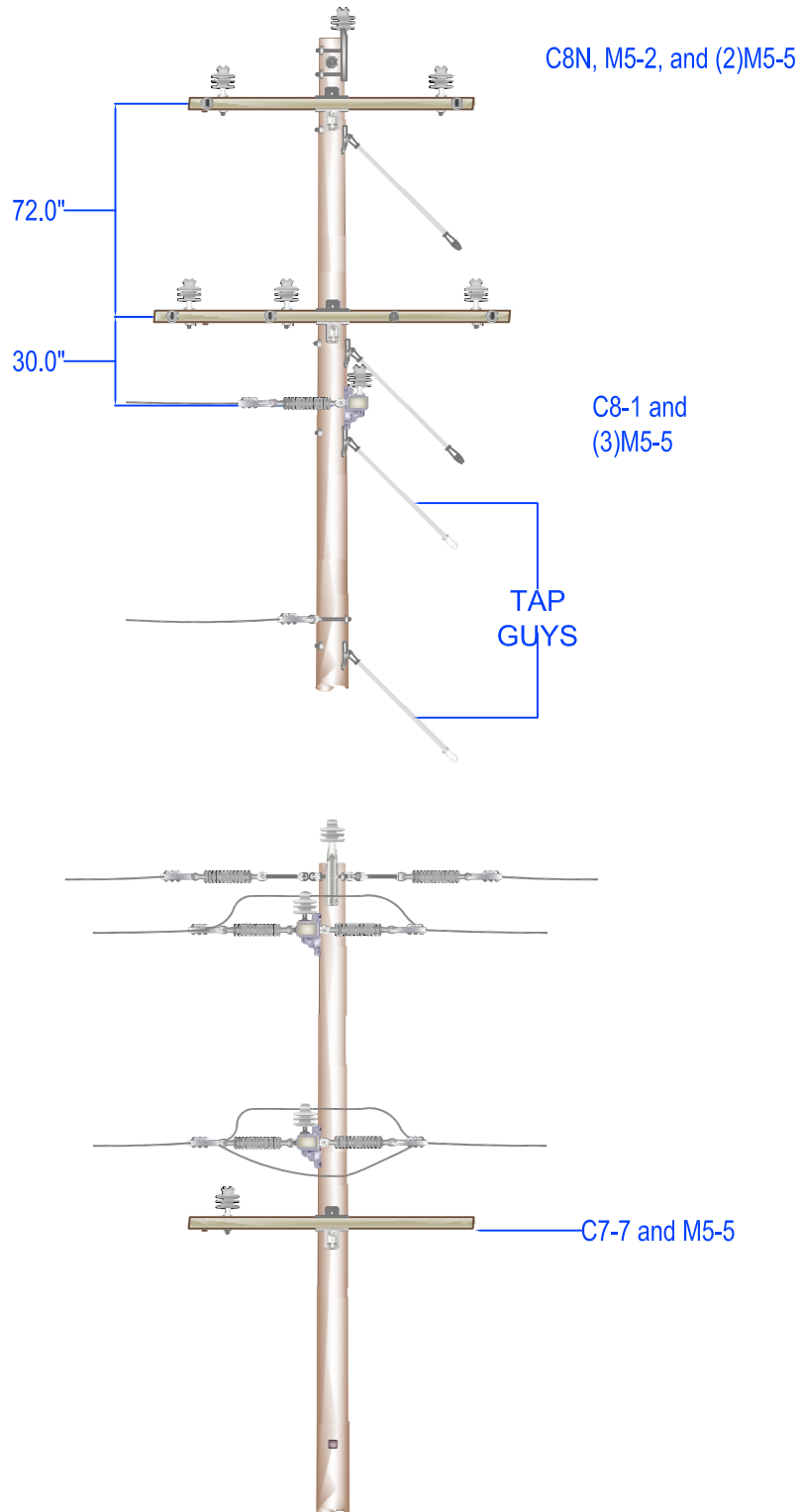
Maximum Line Angle			
#795 AAC with a #795 AAC Neutral			
Grade of Construction	Maximum Line Angle	Guy Unit	Anchor Unit
B	40°	(2) E1-3 E1-2	(2) F1-4 F1-3
C	40°	(2) E1-3	(2) F1-4



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

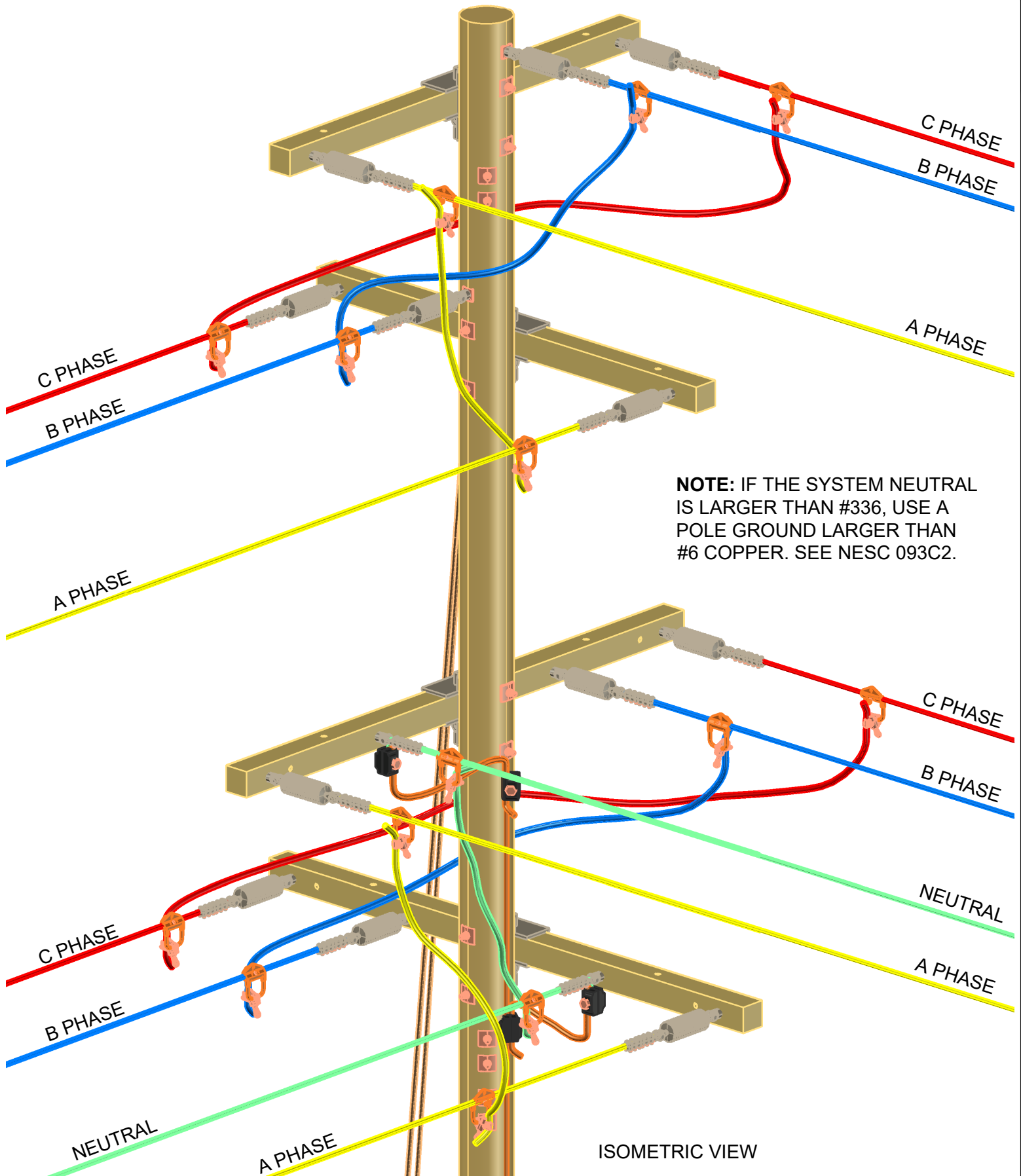
drawn:	approved	date:	C7-7N/C7-9
REB	MJB	June 18, 2014	



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



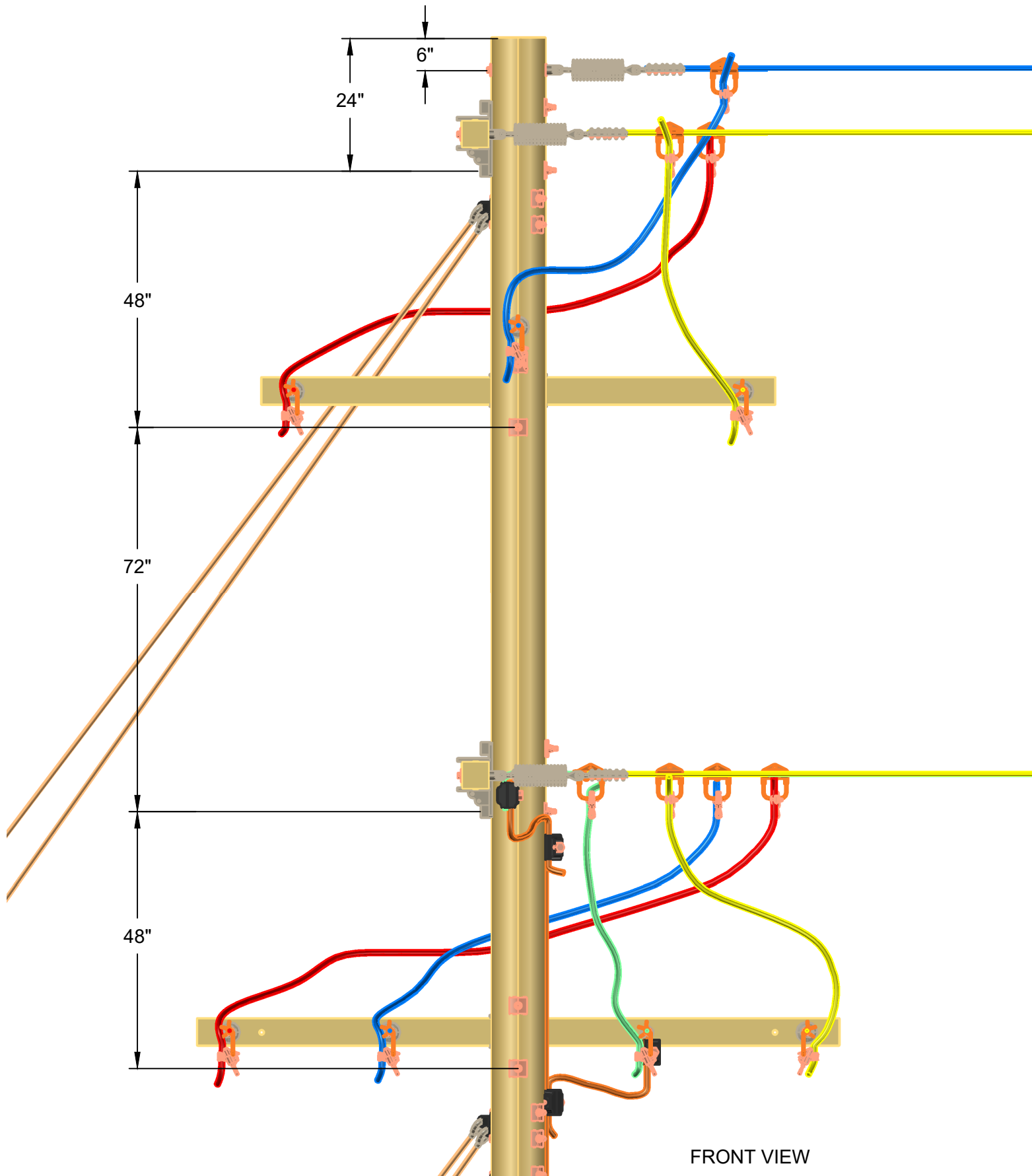
REV	A	DATE	9/5/2025	REVISION	ISSUE FOR CONSTRUCTION	BY	SSS	CHK	SSS	APR	MMG
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CONSTRUCTION
ASSEMBLY UNIT

DEAD-END CORNER
DOUBLE-CIRCUIT
PAGE 1 OF 4

drawn:	approved:	date:	
SSS	MMG	9/5/2025	



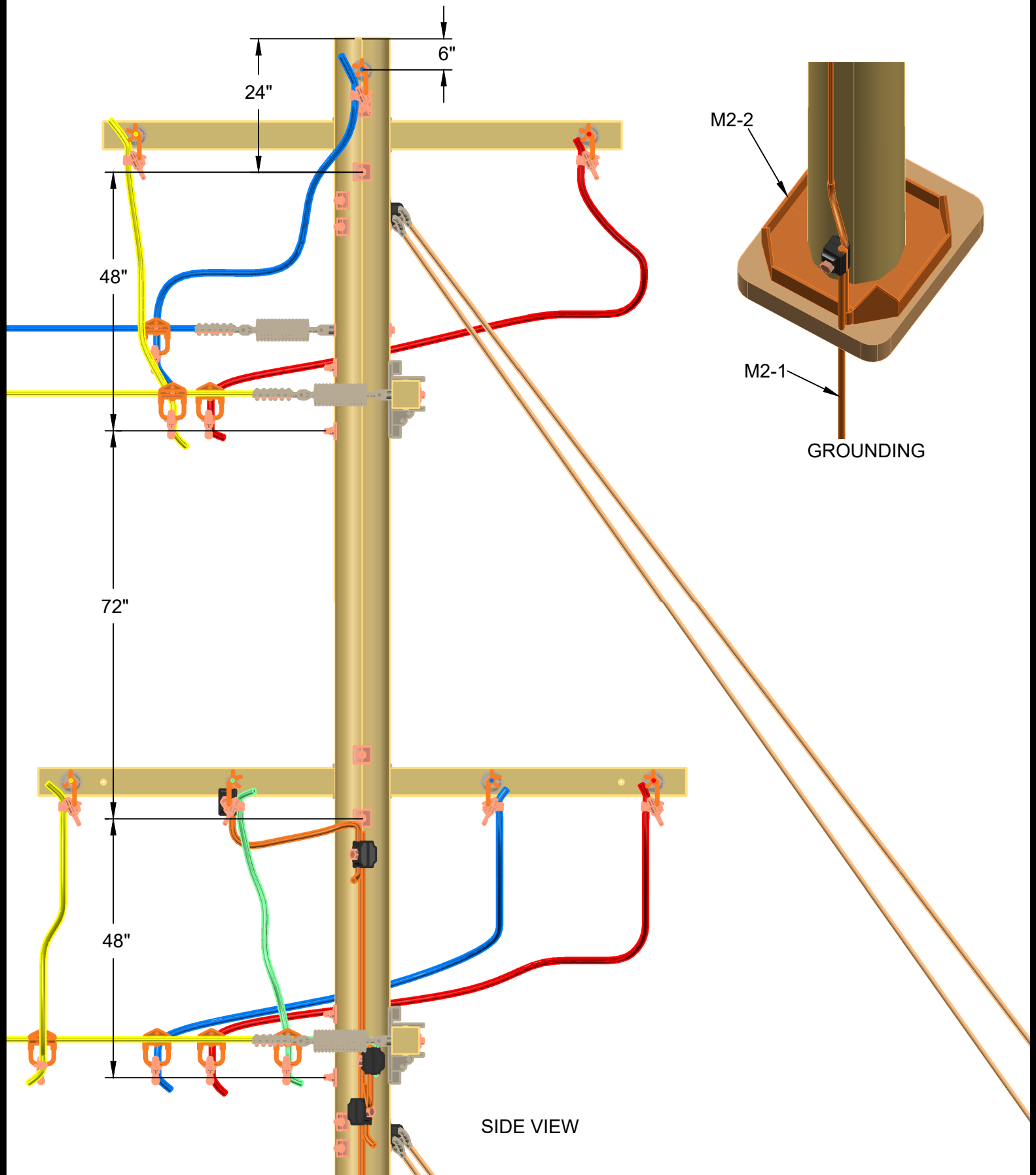
REV	A	DATE	9/5/2025	REVISION	ISSUE FOR CONSTRUCTION	BY	SSS	CHK	SSS	APR	MMG
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CONSTRUCTION
ASSEMBLY UNIT

DEAD-END CORNER
DOUBLE-CIRCUIT
PAGE 2 OF 4

drawn:	approved:	date:	
SSS	MMG	9/5/2025	



SIDE VIEW

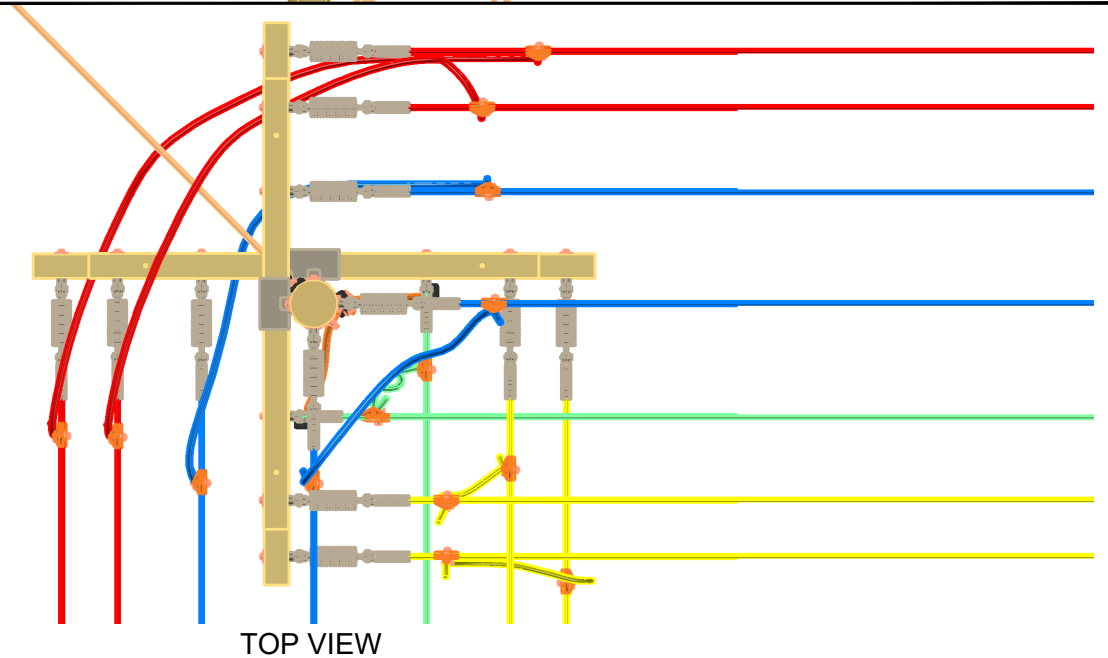
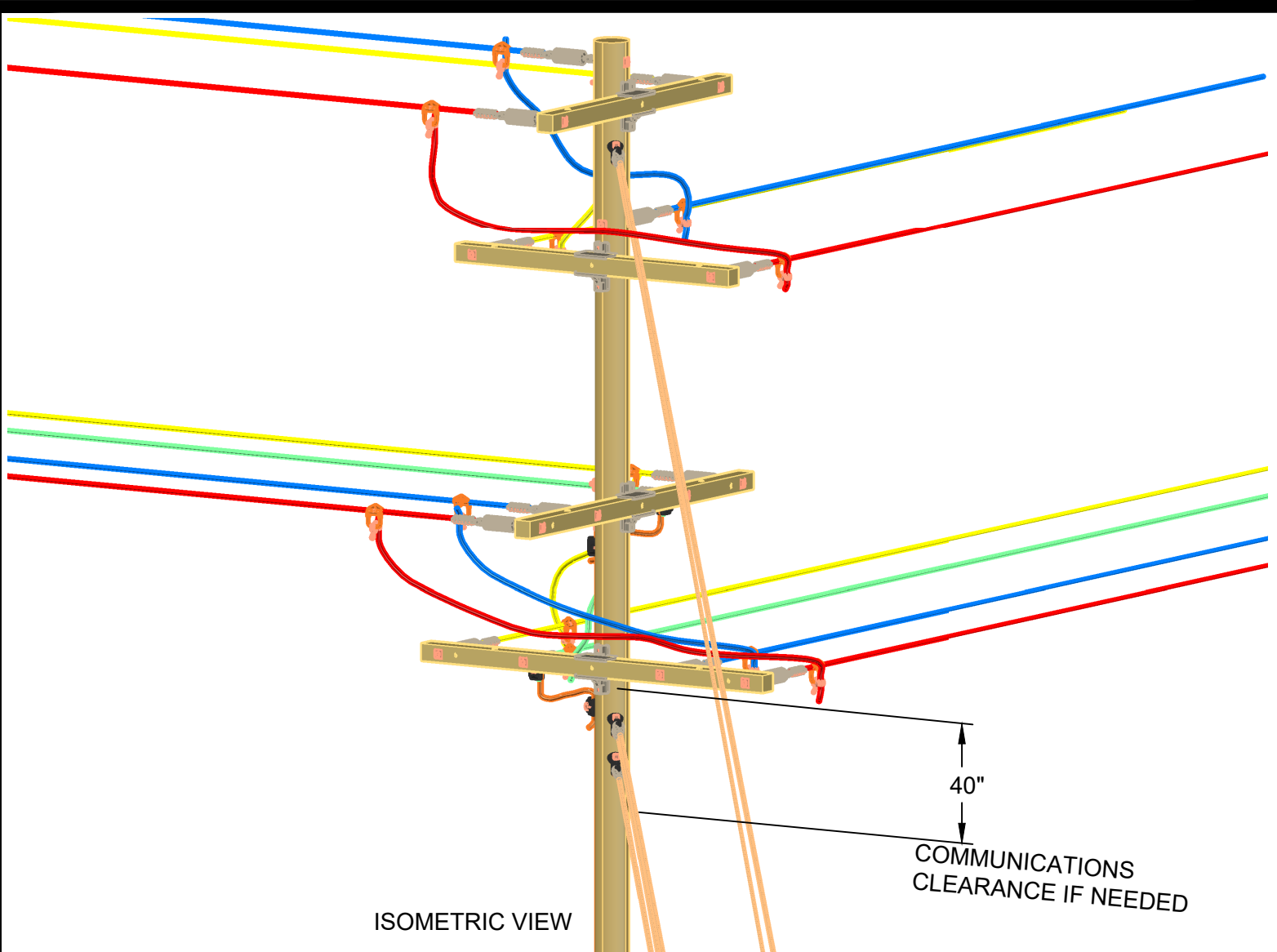
REV	A	DATE	9/5/2025	REVISION	ISSUE FOR CONSTRUCTION	BY	SSS	CHK	SSS	APR	MMG
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CONSTRUCTION
ASSEMBLY UNIT

DEAD-END CORNER
DOUBLE-CIRCUIT
PAGE 3 OF 4

drawn:	approved:	date:	
SSS	MMG	9/5/2025	



REV	A	DATE	9/5/2025	REVISION	ISSUE FOR CONSTRUCTION	BY	SSS	CHK	SSS	APR	MMG
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CONSTRUCTION
ASSEMBLY UNIT

DEAD-END CORNER
DOUBLE-CIRCUIT
PAGE 4 OF 4

drawn:	approved:	date:
SSS	MMG	9/5/2025