OVERHEAD DISTRIBUTION STRUCTURES & GUYING JOINT POLE SPACE ALLOCATION TABLE

Pole Size	Burial Depth	Electric Company: Assigned Space	Electric Company: Minimum Above Grade	Electric Company: Neutral Bracket Location (from top) (note 3)	Neutral Zone Space (note 2)	Telephone Company: Assigned Space	Telephone Company: Maximum Above Grade
Standard Joint Pole							
40'	6' 0"	7' 0"	27' 0"	6' 9" (1)	3' 4"	5' 8"	23' 8"
Joint Excess Height							
35'	6' 0"	4' 6"	24' 6"	4' 3" (1)	3' 4"	3' 2"	21' 2"
45'	6' 6"	9' 3"	29' 3"	8' 9"	3' 4"	7' 11"	25' 11"
50'	7' 0"	11' 6"	31' 6"	11' 0"	3' 4"	10' 2"	28' 2"
55'	7' 6"	13' 9"	33' 9"	13' 3"	3' 4"	12' 5"	30' 5"
60'	8' 0"	16' 0"	31' 6"	15' 6"	3' 4"	14' 8"	32' 8"
Electric Company Owns 5' 0" Excess Height							
45'	6' 6"	11' 6"	27' 0"	11' 0"	3' 4"	5' 8"	23' 8"
50'	7' 0"	13' 9"	29' 3"	13' 3"	3' 4"	7' 11"	25' 11"
55'	7' 6"	16' 0"	31' 6"	15' 6"	3' 4"	10' 2"	28' 2"
60'	8' 0"	18' 3"	33' 9"	17' 9"	3' 4"	12' 5"	30' 5"
Electric Company Owns 10' 0" Excess Height							
50'	7' 0"	16' 0"	27' 0"	15' 6"	3' 4"	5' 8"	23' 8"
55'	7' 6"	18' 3"	29' 3"	17' 9"	3' 4"	7' 11"	25' 11"
60'	8' 0"	20' 6"	31' 6"	20' 0"	3' 4"	10' 2"	28' 2"
Telephone Company Owns 5' 0" Excess Height							
45'	6' 6"	7' 0"	31' 6"	6' 6"	3' 4"	10' 2"	28' 2"
50'	7' 0"	9' 3"	33' 9"	8' 9"	3' 4"	12' 5"	30' 5"
55'	7' 6"	11' 6"	36' 0"	11' 0"	3' 4"	14' 8"	32' 8"
60'	8' 0"	13' 9"	38' 3"	13' 3"	3' 4"	16' 11"	34' 11"
Telephone Company Owns 10' 0" Excess Height							
50'	7' 0"	7' 0"	36' 0"	6' 6"	3' 4"	14' 8"	32' 8"
55'	7' 6"	9' 3"	38' 3"	8' 9"	3' 4"	16' 11"	34' 11"
60'	8' 0"	11' 6"	40' 6"	11' 0"	3' 4"	19' 2"	37' 2"

Additional Pole Height Required for Above Grade Vertical Clearance

Space allocation is determined by subtracting the additional height requirement from the excess pole height, then equally sharing the remaining space.

Notes:

1. These holes are pre-drilled.
2. Neutral zone space may be reduced to 2' 6" from the bottom of grounded non-current carrying equipment such as transformers, voltage regulators, capacitors, etc.
3. These neutral locations provide adequate mid-span vertical clearances between electric and communications conductors for the following maximum spans:

Wire / Cable Size	Maximum Span
Single Wire up to 1/0 ACSR	200'
Single Wire 2/0 to 4/0 ACSR	150'
Triplex Cable 1/0 to 4/0	100'

For spans exceeding these maximum spans, use the following table to determine the neutral location.

OVERHEAD DISTRIBUTION STRUCTURES & GUYING
JOINT POLE SPACE ALLOCATION TABLE

Conductor Combination	Pole Attachment	Span (feet) 100	125	150	175	200	225	250	275	300
1/0 ACSR Raven Primary	Raise neutral	0' 0"	0' 0"	0' 0"	0' 0"	0' 0"	0' 6"	1' 3"	0' 2"	2' 11"
1/0 ACSR Raven Neutral	Min ph–neut	2' 4"	2' 7"	3'	3' 5"	3' 11"	4' 6"	5' 2"	5' 11"	6' 8"
	Min pole	2' 7"	2' 10"	3' 3"	3' 8"	4' 2"	5' 3"	6' 8"	8' 2"	9' 10"
1/0 ACSR Raven Primary	Raise neutral	0' 0"	0' 0"	0' 0"	0' 8"	1' 7"	2' 9"	3' 11"	5' 4"	6' 10"
4/0 ACSR Penguin Neutral	Min ph–neut	2' 1"	2' 2"	2' 5"	2' 8"	2' 11"	3' 3"	3' 7"	4' 0"	4' 5"
	Min pole	2' 4"	2' 5"	2' 8"	3' 7"	4' 9"	6' 3"	7' 9"	9' 7"	11' 6"
1/0 ACSR Raven Primary	Raise neutral	0' 0"	0' 5"	1' 0"	1' 9"	2' 8"	3' 7"	4' 8"	5' 11"	7' 3"
3#1/0 Cenia Secondary	Min ph–neut	2' 1"	2' 3"	2' 6"	2' 10"	3' 2"	3' 6"	3' 11"	4' 5"	4' 11"
	Min pole	2' 4"	2' 11"	3' 9"	4' 10"	6' 1"	7' 4"	8' 10"	10' 7"	12' 5'
1/0 ACSR Raven Primay	Raise neutral	0' 0"	0' 5"	1' 1"	1' 10"	2' 9"	3' 9"	4' 10"	6' 1"	7' 5"
3#4/0 Zuzara Secondary	Min ph–neut	2' 2"	2' 4"	2' 7"	2' 11"	3' 3"	3' 8"	4' 1"	4' 7"	5' 2"
	Min pole	2' 5"	3' 0"	3' 11"	5' 0"	6' 3"	7' 8"	9' 2"	10' 11"	12' 10"
4/0 ACSR Penguin Primary	Raise neutral	0' 0"	0' 0"	0' 0"	0' 0"	0' 0"	0' 6"	1' 3"	2' 0"	2' 11"
1/0 ACSR Raven Neutral	Min ph–neut	2' 11"	3' 6"	4' 4"	5' 3"	6' 4"	7' 6"	8' 11"	10' 5"	12' 0"
	Min pole	3' 2"	3' 9"	4' 7"	5' 6"	6' 7"	8' 3"	10' 5"	12' 8"	15' 2"
4/0 ACSR Penguin Primay	Raise neutral	0' 0"	0' 0"	0' 0"	0' 8"	1' 7"	2' 9"	3' 11"	5' 4"	6' 10"
4/0 ACSR Penguin Neutral	Min ph–neut	2' 8"	3' 2"	3' 9"	4' 6"	5' 4"	6' 3"	7' 4"	8' 6"	9' 9"
	Min pole	2' 11"	3' 5"	4' 0"	5' 5"	7' 2"	9' 3"	11' 6"	14' 1"	16' 10"
4/0 ACSR Penguin Primary	Raise neutral	0' 0"	0' 5"	1' 0"	1' 9"	2' 8"	3' 7"	4' 8"	5' 11"	7' 3"
3#1/0 Cenia Secondary	Min ph–neut	2' 8"	3' 3"	3' 10"	4' 8"	5' 6"	6' 6"	7' 8"	8' 11"	10' 3"
	Min pole	2' 11"	3' 11"	5' 1"	6' 8"	8' 5"	10' 4"	12' 7"	15' 1"	17' 9"
4/0 ACSR Penguin Primary	Raise neutral	0' 0"	0' 5"	1' 1"	1" 10"	2' 9"	3' 9"	4' 10"	6' 1"	7' 5"
3#4/0 Zuzara Secondary	Min ph–neut	2' 9"	3' 3"	3' 11"	4' 9"	5' 7"	6' 8"	7' 10"	9' 1"	10' 6"
	Min pole	3' 0"	3' 11"	5' 3"	6' 10"	8' 7"	10' 8"	12' 11"	15' 5"	18' 2"
336.4 AA Tulip Primary	Raise neutral	0' 0"	0' 0"	0' 0"	0' 8"	1' 7"	2' 9"	3' 11"	5' 4"	6' 10"
4/0 ACSR Penguin Neutral	Min ph–neut	3' 0"	3' 9"	4' 8"	5' 8"	6' 11"	8' 3"	9' 10"	11' 6"	13' 4"
	Min pole	3' 3"	4' 0"	4' 11"	6' 7"	8' 9"	11' 3"	14' 0"	17' 1"	20' 5"
336.4 AA Tulip Primary	Raise neutral	0' 0"	0' 5"	1' 1"	1' 10"	2' 9"	3' 9"	4' 10"	6' 1"	7' 5"
3#4/0 Zuzara Secondary	Min ph–neut	3' 1"	3' 11"	4' 10"	5' 11"	7' 3"	8' 8"	10' 4"	12' 1"	14' 1"
	Min pole	3' 4"	4' 7"	6' 2"	8' 0"	10' 3"	12' 8"	15' 5"	18' 5"	21' 9"

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CONSTRUCTION STANDARD

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DATE 7/7/97

STANDARD 1-2-1