

OUTSIDE PLANT SYMBOLS POLES AND ASSOCIATED EQUIPMENT

CONTENTS	PAGE
1. GENERAL	1
2. CODES	1
3. SYMBOLS	2

1. GENERAL

1.01 The identification codes and symbols listed in this section pertain to poles and associated equipment. They are for use primarily on construction work prints and plant location records, although some of them may be used on maps. A complete list of abbreviations used in conjunction with outside plant symbols is contained in Section 620-040-020.

1.02 This section is reissued to add and revise codes and symbols. Since this is a general revision, arrows ordinarily used to indicate changes have been omitted.

1.03 Some of the codes contained in this section have been revised to be compatible with the various accounting machines which produce tabular pole records from punched cards and tapes. The explanation of these codes is also found on the tabular pole record form under the column headed "Codes."

2. CODES

2.01 The following codes are to be used in connection with poles:

(a) Pole class designations, from 1 through 10.

Example: 35'-5 indicates a 35-foot, class 5 pole.

(b) Species and preservatives (treatments). Poles supplied under standard specifications have a letter code included in the brand, which identifies the type of timber and treat-

ment. The following are codes for the standard species and certain nonstandard poles which may be used occasionally:

SPECIES	CODE
Chestnut	CH
Cypress	CY
Douglas fir*	DF
Eastern cedar	EC
Jack pine*	JP
Juniper	JU
Lodgepole pine*	LP
Northern pine	NP
Ponderosa pine (western)	WP
Red pine*	RP
Redwood	RW
Sawed redwood	SRW
Southern pine*	SP
Split cedar	SC
Western hemlock	WH
Western larch (tamarack)*	WL
Western red cedar*	WC

* Standard species.

PRESERVATIVE	CODE
Criion	G
Creosote	C
Creosote-pentachlorophenol	A
Double treatment (salt and creosote)	D
Copper naphthenate	N
Pentachlorophenol	P
Chemonite or greensalt	S
Water-gas-tar (creosote mixture)	W
50-50 mixture of creosote and petroleum	X

SECTION 620-040-012

2.02 The following is an example of a standard brand which is located 10 feet from the butt on poles 50 feet or less and 14 feet from the butt on poles 55 feet or longer.

Supplier's code or trademark.



Plant location and year of treatment, as Old-town-1967.

0-67

Species and preservative, as southern pine-creosote-penta solution.

SPA

Size, as class 5, 35-foot pole.

5-35

If desired, size may be shown thus.

5
35

3. SYMBOLS

3.01 The following symbols are to be used in connection with poles:

(a) Proposed Bell company pole



(b) Existing Bell company pole



(1) Rental or joint-use contract



(2) Free attachment rights



**SUPPORTING
PHASE-TO-PHASE
VOLTAGES (See Note)**

12 kV or less Over 12 kV

(c) Existing electric company pole

× *

12 kV or less (Cont) Over 12 kV (Cont)

(1) Rental or joint-use contract

— —
× *

(2) Free attachment rights

— —
× *
— —

(d) Bell and electric company jointly owned pole

(1) Existing (indicated by light circle and light symbol)

⊗ ⊗

(2) Proposed or replaced

- To be set by Bell company (indicated by heavy circle and light symbol)

⊗ ⊗

- To be set by electric company (indicated by light circle and heavy symbol)

⊗ ⊗

Note: The symbols represent only two categories of voltages supported by the pole. The engineer must specify by adequate notations on the construction work prints the exact voltages involved. This is required so the construction forces can provide proper vertical clearances and take the necessary safety precautions when working in the area. See Section 620-040-011 for use of the caution symbol.

(e) Ownership

	JOINTLY BY BELL COMPANY AND ANOTHER COMPANY	SOLELY BY ANOTHER COMPANY
(1) AT&T Com- pany pole (Long Lines). *	Ⓐ	A
(2) Associated company pole. †	Ⓑ	B
(3) Independent company pole.	Ⓘ	I
(4) Western Union Telegraph Com- pany pole.	Ⓜ	W
(5) Municipal pole.	Ⓜ	M
(6) Street railway pole.	Ⓣ	T
(7) Railroad pole.	Ⓡ	R
(8) Community an- tenna television company pole.	Ⓥ	V
(9) Pole owned by customer.		C
(10) Pole owned by multiparties. Number indi- cates number of joint owners.	③	

* Shown on associated company drawings.

† Shown on AT&T Company drawings (Long Lines).

3.02 The following are illustrations of poles:

(a) Proposed Bell com-
pany pole. Length
and class indicated.*  30'-5

(b) Proposed Bell com-
pany pole. Length,
class, and number in-
dicated.*  P432
30'-5

(c) Existing Bell com-
pany pole number
432 to be replaced.
Data (length of pole
and date of placement)
above line is for retire-
ment purposes. Data
below line indicates
length and class of
proposed pole.*  P432 $\frac{(30' 26)}{35'-5}$

(d) Existing Bell com-
pany pole to be re-
moved. Number,
length, and date of
placement indicated.*  P432 (30' 26)

(e) Existing Bell com-
pany pole to be
pulled, cut off, and re-
set.  P432 $\frac{(35'-5)}{30'-5}$ PRST

(f) Existing Bell com-
pany pole to be top
cut.  P432 $\frac{(35'-5)}{30'-5}$ TOP
CUT

(g) Existing Bell com-
pany pole to be
moved. Number indi-
cates distance.  3'

(h) Bell company H
fixture across line. 

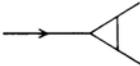
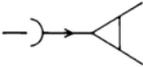
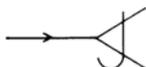
(i) Bell company H
fixture along line. 

(j) Bell company A
fixture across line. 

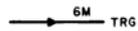
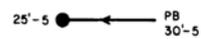
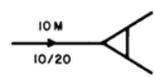
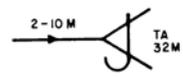
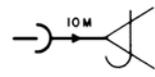
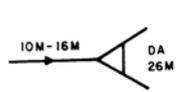
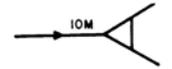
(k) If pole material is
other than wood,
indicate by appropri-
ate notation.  STEEL

* Species and preservative information is not re-
quired for poles being removed. The placing
forces will provide this information for poles
being placed.

3.03 The following symbols are to be used in connection with anchors and guys:

- (a) Anchor only 
- (b) Guy only 
- (c) Anchor and guy 
- (d) Anchor and insulated guy 
- (e) Sidewalk anchor and guy 
- (f) Tree guy 
- (g) Rock anchor and guy 
- (h) Push brace 
- (i) Push and pull brace 
- (j) Anchor and guy wholly owned by another company 
- (k) Jointly owned anchor 
- (l) Jointly owned anchor and Bell company guy 
- (m) Jointly used guy 

- (a) One 10M guy and anchor.
- (b) One 10M and one 16M guy proposed on an anchor equipped with a 26M double thimble eye rod.
- (c) One Bell company 10M insulated guy attached to an existing jointly owned anchor.
- (d) Two proposed Bell company 10M guys attached to a proposed jointly owned anchor. The proposed anchor is 32M, equipped with triple thimble eye rod to accommodate guying requirements of the other company. (If anchor is other than standard for specified guy, this size must be shown on work print.) See Note.
- (e) One 10M guy and anchor. Lead of 10 feet and height of 20 feet. If lead-height ratio is other than 1/1, it must be shown on the construction work print.
- (f) One proposed Bell company pole with push brace.
- (g) One 6M tree guy.
- (h) One Bell company 10M guy attached to existing other company owned anchor.



3.04 The following are illustrations of anchors and guys:

Note: The number of guys should be shown only when more than one is being placed or removed.