





NOTES:

- Licensee shall bond to Utility pole ground wherever Utility has a down ground on the pole. If the ground is under the metal U-guard, contact Utility to make the ground connection.
- If no pole ground exists install a pole down ground on the pole. Protect the pole ground with a ground wire moulding. Top of ground rod shall be at least 6 inches below grade.
- Bond wire shall be #6 bare copper or larger. If bond wire is unsupported for more than 12" long, staple to pole.
- 4. When communication's are underground, the power is overhead and it is required that the communications ground be interconnected to the power supply ground, the connection shall be made below grade.
- 5. In no case shall Licensee ground be connected to guys/anchors.
- If a neutral isolation device is installed on this pole the attacher must contact Utility for special grounding instructions.
- Licensee's messenger cable shall be bonded to Utility's pole ground wire at each pole that has a ground wire.

A	Revised 9/6/02
POLE AT	TACHMENTS
GROUNDING	CONNECTIONS
Drawing is NOT to scale	A-03

No communications power supply shall be mounted on Poles except by permission of Utility.

Licensee's Attachments on Utility Poles, including metal attachment clamps and bolts, metal cross arm supports, bolts and other equipment, must be attached so as to maintain the minimum separations specified in the NESC and in these drawings and specifications.

See Drawing #5











NOTES:

1. For new cable installations locate cable on the same side of the pole as Utility's lowest conductor.

2. Standoff brackets to mount cable to pole are not allowed without approval of Utility.

3. Climbing and workspace through the communication space shall extend from 40" below the lowest communication cable to the top of the pole.

4. On transformer poles the communication service drops shall be located so that they originate from the messenger on the side of the pole opposite the transformer.

5. Minimum clearances for climbing and working space shall be followed as per NESC section 236.

No communications power supply shall be mounted on poles except by permission of Utility.

Licensee's Attachments on Utility Poles, including metal attachment clamps and bolts, metal cross arm supports, bolts and other equipment, must be attached so as to maintain the minimum separations specified in the NESC and in these drawings and specifications.

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POLE ATTACHMENTS

CLIMBING SPACE REQUIREMENTS

Drawing is NOT to scale

A-08





DIRECT BURIED- SEPARATION

NOTES:

1. Communications equipment shall meet requirements of NESC 354D.

2. Communications cables shall be random laid with primary and second ary cables as specified in NESC 354D.

3. The bonding conductor required in NESC shall be provided as part of the communications pedestal installation. A communications bonding conductor clamp of sufficient length for routing into the supply pedestal/transformer neutral connector shall be provided.

4. Installation may be by plowing, trenching, or backhoe as conditions warrant.

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POLEA	TTACHMENTS
JOINT CAB	LE INSTALLATION
Drawing is NOT to scale	A-10

