



Service Size	Length
100 Amp	100'
200 Amp	75'
320 Amp	50'

Point of Attachment
 13'-6" Above Sidewalks (Restricted Traffic)
 16' Minimum Vertical Clearance Above Residential and Public Driveways, Alleys, Roads and Construction Areas

General Notes:

1. Building Roof Designs May Differ From Design Shown.
2. Meter Socket and Conduit Straps Shall Be Fastened to Building Using Lead Anchors (Brick or Solid Masonry), Toggle Bolts (Other Masonry Siding) or Wood Screws (Studs, Solid Lumber). All Screws and Bolts Shall Be Corrosion Resistant.
3. A Minimum of 18" of Each Conductor Shall Extend from the Top of the Service Mast. The NEUTRAL Shall Be Marked with White Tape at Both Ends.
4. No Telephone or Cable Attachment Allowed on Service Mast.
5. Point of Attachment Shall Be Accessible to NALG&W's Bucket Truck or Have Enough Surface (Such as Wall or Building Structure) and Sufficient Ground Space on Same Customer's Property to Safely Support a Ladder.
5. Two (2) 5/8" x 8' Ground Rods with Bronze Ground Clamps At or Just Below Ground Level.
6. Ground Wire Shall be Continuous from Neutral Bus Through Meter Socket to Ground Rods.

Minimum Customer Wiring Size-Family Residential Single Phase

Meter Size	Conduit size	Phase Wire Size (per NEC)	Neutral Wire Size (per NEC)	Ground Wire Size
		Copper	Copper	
100 Amp	2"	#2	#2	#4
200 Amp	2"	#3/0	#1/0	#4
320 Amp	3"	500 MCM	#3/0	#1/0

NO.	DATE:	REVISION	BY:	APPR:



TYPICAL PERMANENT OVERHEAD RESIDENTIAL SERVICE

DRAWN BY:	W.D.G.	JOB NO.	113E6001
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APPROVED BY:		SCALE	NONE
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