

Maximum Recommended Overhead Service Length (Triplex Conductors)	
Service Size	Length
100 Amp	100'
200 Amp	75'
320 Amp	50'

Galvanized Rigid Steel Service Mast Required (Refer To Below Table For Conduit Size)

NOTE: Schedule 80 PVC Conduit Can Be Utilized if Point of Attachment is 3' Above Weatherhead.

3' Minimum

2' Max. Between Straps.

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

13'-6" minimum to 21'-0" maximum. to Point of Attachment.
14'-0" minimum.

Disconnect Switch Size & Type as Required by N.E.C. or Local Jurisdiction, (By Customer)

Grounding Block

Copper Ground Wire Attached to Pole.

Install One (1) #6 AWG Green Grounding Conductor with Phase and Neutral Conductors.

5'-6" Meter Socket Height

Schedule 80 PVC (Refer To Below Table For Conduit Size)

4'-0" Min.

6' Minimum

General Notes:

- Meter Socket and Conduit Straps Shall Be Fastened to Pole using Wood Screws. All Screws and Bolts Shall Be Corrosion Resistant.
- 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.
- No Telephone or Cable Attachment Allowed on Service Mast.
- Point of Attachment Shall Be Accessible to NALG&W's Bucket Truck.
- Two (2) 5/8" x 8' Ground Rods with Bronze Ground Clamps At or Just Below Ground Level.
- 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



TYPICAL PERMANENT OVERHEAD MOBILE HOME SERVICE

DRAWN BY:	W.D.G.	JOB NO.	113E6001
CHECKED BY:		DATE	JUNE 2021
APPROVED BY:		SCALE	NONE

DRAWING NO. NALG&W-004

NO.	DATE:	REVISION	BY:	APPR: