

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

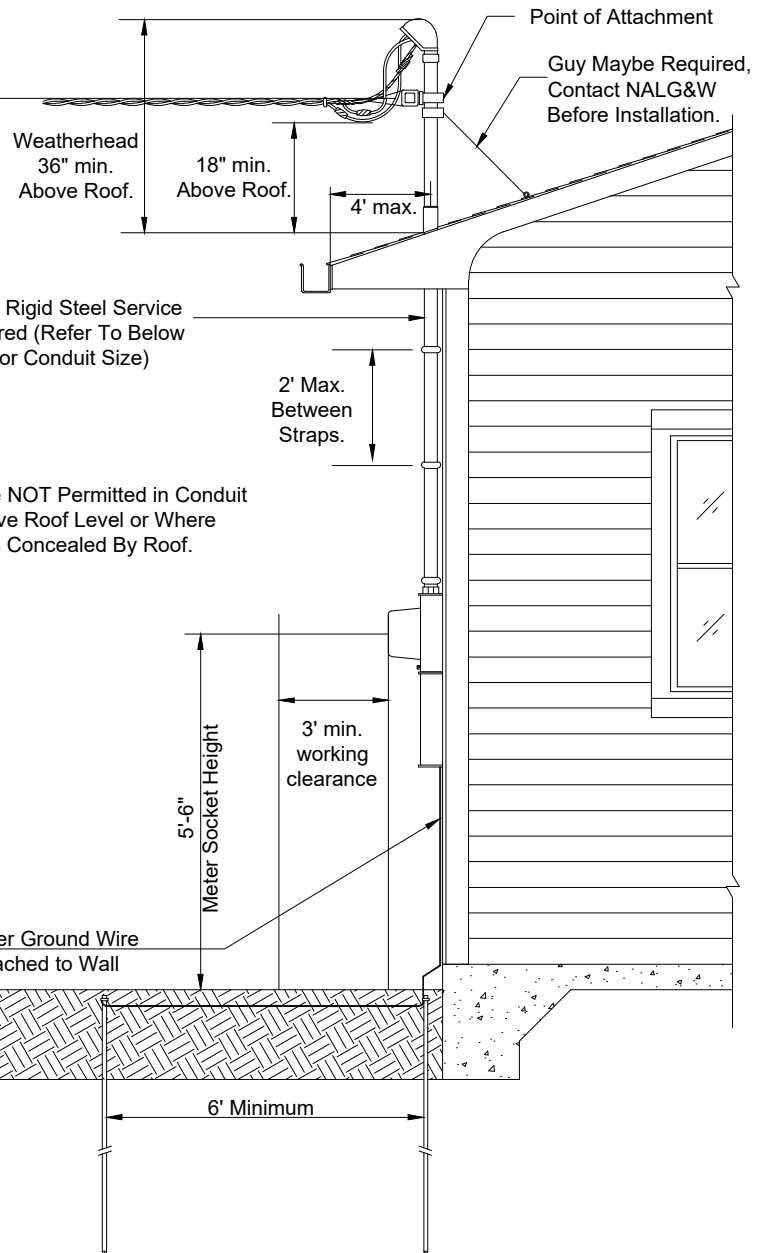
Point of Attachment
13'-6" Above Sidewalks
(Restricted Traffic)
16' Minimum Vertical Clearance
Above Residential and Public
Driveways, Alleys, Roads and
Construction Areas

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

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

****NOTE****

Joints Are NOT Permitted in Conduit
At or Above Roof Level or Where
Conduit is Concealed By Roof.



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 Flush or Just Below Ground Level.
6. ****GROUNDING, REFER TO DRAWING NO. NALG&W-018 AND NALG&W-019.****
7. ****REFER TO DRAWING NO. NALG&W-015, IDENTIFICATION OF EMERGENCY, SERVICE AND OTHER ISOLATION DISCONNECTS.****

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	500MCM	#1/0

NO.	DATE:	REVISION:	BY:	APPR:
1.	8/20/25	ADDED GENERAL NOTE 6.	WDG	WDG
2.	8/20/25	ADDED GENERAL NOTE 7.	WDG	WDG

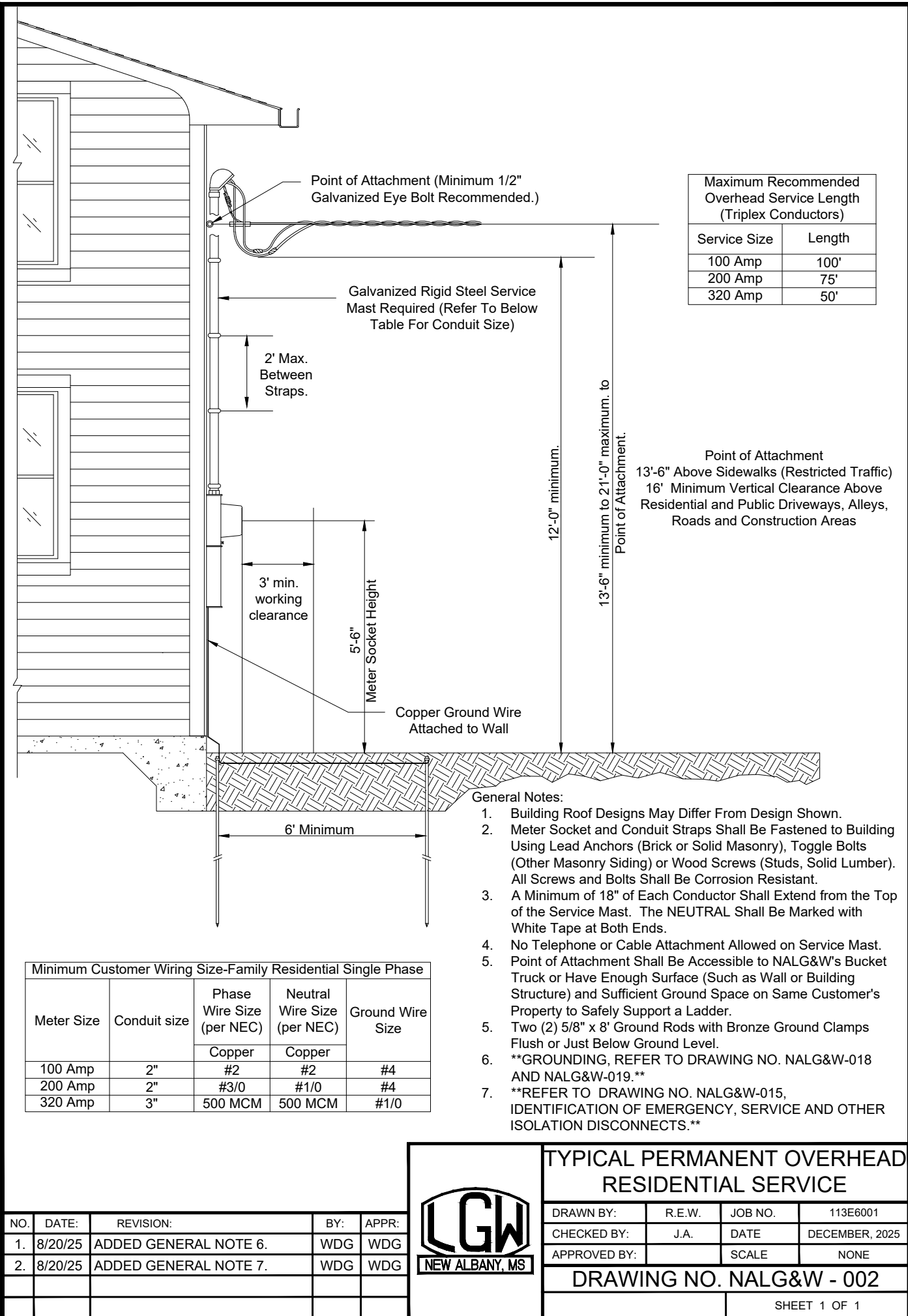


**TYPICAL PERMANENT OVERHEAD
RESIDENTIAL SERVICE**

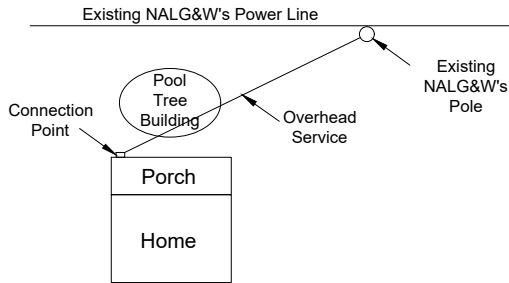
DRAWN BY:	R.E.W.	JOB NO.	113E6001
CHECKED BY:	J.A.	DATE	DECEMBER, 2025
APPROVED BY:		SCALE	NONE

DRAWING NO. NALG&W - 001

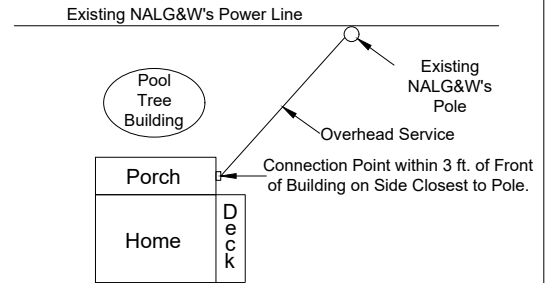
SHEET 1 OF 1



INCORRECT CONNECTION POINT

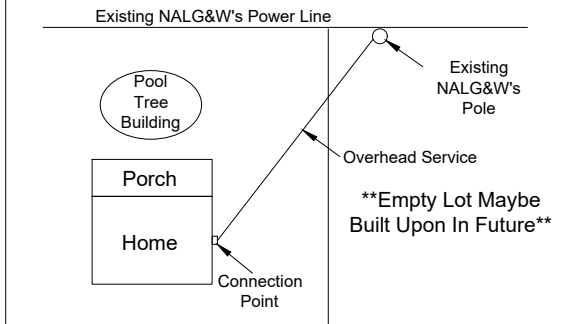


CORRECT CONNECTION POINT

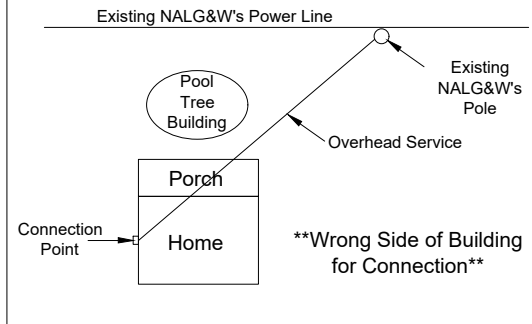


****NALG&W Will Not Install An Electrical Facility Over A Pool, Building, Shed, or Deck****

INCORRECT CONNECTION POINT

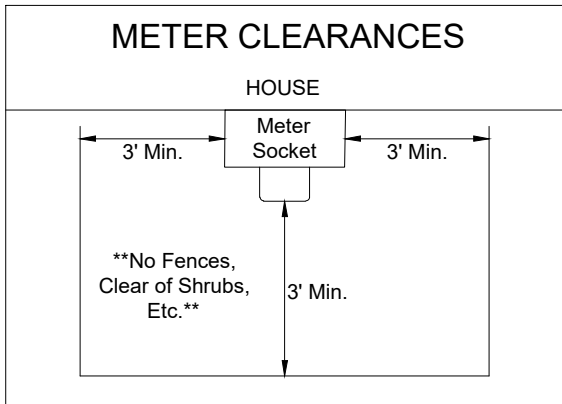


INCORRECT CONNECTION POINT



****Right of Way for Power Line Shall Be On Customer's Land or Customer Shall Obtain Right of Way From The Property OWNER****

METER CLEARANCES



General Notes:

1. NEVER Build Structures Under or Over Existing Electrical Lines or Facilities. Check with NALG&W for Clearances.
2. CONTACT NALG&W for Clearances prior to POOL Construction.
3. Connection Point (Meter Location) Shall Be Pre-Approved By NALG&W Before Construction.
4. Refer to Below Table for Maximum Recommended Overhead Service Lengths. Longer Lengths Than Those Shown in the Table May Require Installation of an Additional Pole. This May Involve Additional Cost to the Customer.
5. Customer is Responsible for Clearing and Maintaining Right of Way.

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100 Amp	100'
200 Amp	75'
320 Amp	50'

NO.	DATE:	REVISION:	BY:	APPR:



RESIDENTIAL OVERHEAD SERVICE INSTALLATION DETAILS

DRAWN BY:	R.E.W.	JOB NO.	113E6001
CHECKED BY:	J.A.	DATE	DECEMBER, 2025
APPROVED BY:		SCALE	NONE

DRAWING NO. NALG&W - 003

SHEET 1 OF 1