Village of Ladd

121 N. Main Ave., Ladd IL 61329
(815) 894-2440
www.villageofladd.com

RESIDENTIAL APPLICATION FOR ELECTRIC SERVICE

1. **Name of owner:** _____

2. **Name, Address and Phone Number of Electrical Contractor:**

   _____

   _____

   _____

3. **Address of Building:** _____

4. **Block Number:** _____ **Lot Number:** _____ **Subdivision:** _____

5. **Type of Building: Residential Single:** _____ **Duplex:** _____ **Multi Family:** _____

6. **Show detailed floor plan on an attached building site plan. Please note this will be used to show acceptable location of meter socket. The electric department must approve any deviation from this location.**

7. **Type of service desired between property line and transformer/service entrance:**

   overhead _____ **underground** _____

8. **Electric heat: yes** _____ **no** _____

9. **Requested voltage and phase:** _____ **10. Service amperage:** _____ **amps**

11. **Additional information:** _____

_____

By submitting this form, the undersigned agrees to abide by and accept the applicable rules, policies and regulations of the Ladd Municipal Utility.

Data submitted by:

_____

Signature **Date**

Note: This form is to be submitted with each Building Permit and/or requested change in service and must be approved by the Electric Superintendent before a building permit is issued.

Approved by: _____

Electric Department Personnel **Date**

TECHNICAL INFORMATION

NOTE: The Electrical Contractor or Engineer should complete this section.

Requested voltage at main service entrance:

_____ voltage phase +0 neutral

_____ voltage phase to phase

Number of electric meters desired: _____

Type of service entrance requested:

Single phase _____ Three Phase/Three Wire _____ Three Phase/Four Wire _____ Other (specify) _____

Service amperage at rated voltage (per phase): _____ amps

Please note that the loading schedule for proposed building shall accompany this application. Loading schedule shall inventory all anticipated loads and shall give the expected diversity factor of all loads.

Please indicate which items may be used at this location and which may require special facilities:

Electric Heat _____ Electric Welders _____ Computer System _____ Other (specify) _____

Please provide the connected load: _____

Type of service required: Overhead _____ Underground _____

Do you require a service with special provisions for regulating voltage? Yes _____ No _____

Explain:

_____

_____

_____

_____

Please submit a site plan with desired location of transformer or electric service station (ESS) clearly indicated and a detailed drawing of CT cabinet, if applicable.

NOTE: This form is to be submitted, fully completed, with each Building Permit Application and must be approved by the Electric Superintendent before a Building Permit is issued.

SERVICE CONNECTION AUTHORIZATION FORM

Date: _____

To: _____

_____

_____

_____

We have received an application to furnish electric service to your building located at:

_____

Village policy requires you to pay an Electric Connection Fee to service your building.

The cost of this service installation by the Village will be: _____

Please sign the authorization statement below and return it to the Village of Ladd Electric Department as soon as possible so we may begin to plan for your service.

Signed: _____
Electric Department Personnel **Date**

Being the owner or duly authorized corporate officer or agent of the company owning the above described premises, I/We agree to pay a service connection fee of $_____.

Mailing address: _____

_____

_____

Signature: _____

Date: _____

MATERIAL LIST
WEATHERHEAD FOR CONDUIT, GALV.- STEEL- ALUMINUM
METTALIC CONDUIT-GALV. STEEL- OR ALUMINUM —— *RIGID WHERE NEEDED*
CONDUIT OR CABLE STRAPS, HOT DIPPED GALVANIZED
GALVANIZED CONDUIT LOCKNUT
LB CONDUIT FITTING, GALV. STEEL OR ALUMINUM
GALVANIZED CONDUIT BUSHING, BONDING TYPE
SERVICE ENTRANCE SWITCH, FUSED, OR CIRCUIT BREAKER *WHERE NEEDED*
METER MOUNTING DEVICE, 200 AMPERE. TO BE FURNISHED BY LADD (2" HUB) OR 29 3427 ($2\frac{1}{2}$" HUB)
COPPERWELD GROUND ROD, 5/8" x 10'
GROUND ROD CLAMP, 5/8"

Particular attention is called to the following items:

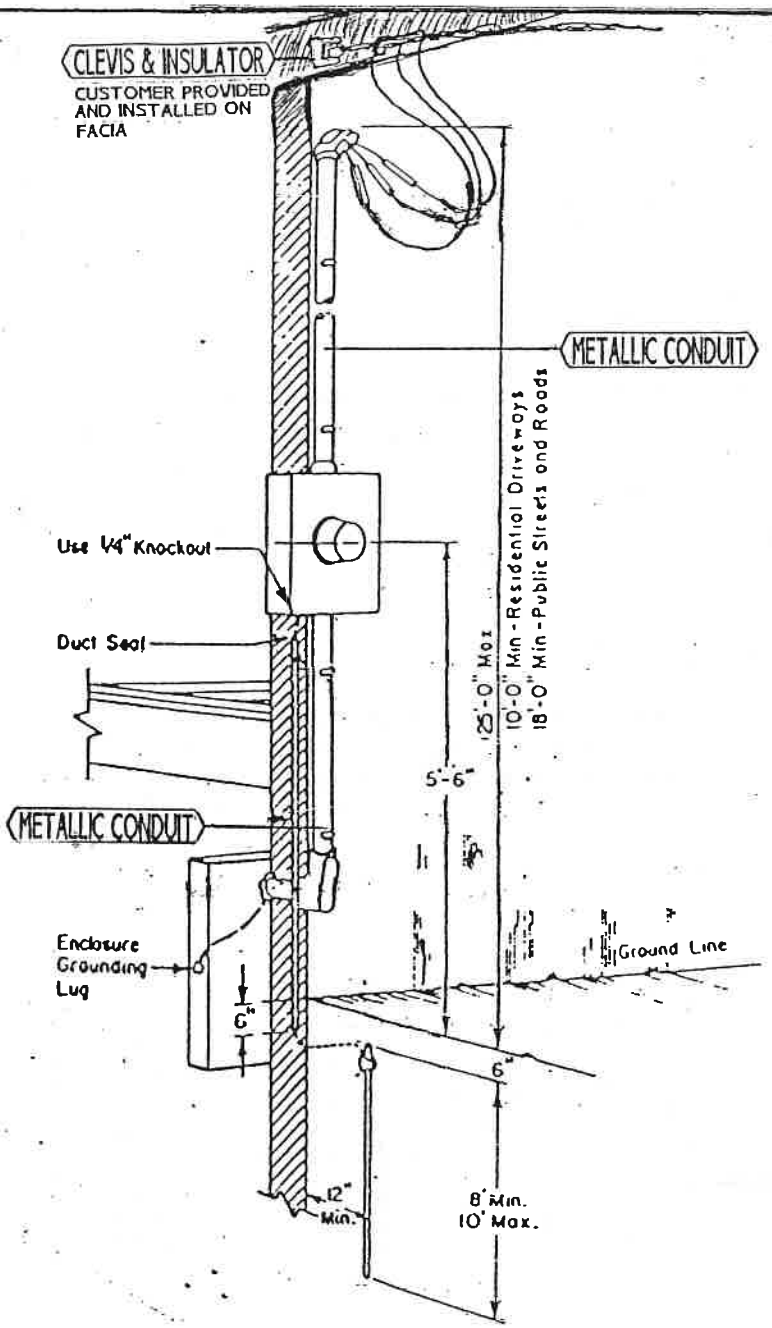
1. The meter sockets are to be 5'-6" from the finished grade as shown on sketch.
2. The use of water pipes or water pipe fittings in the wiring installation is not permissible.
3. All sharp edges on inside ends of conduit must be reamed and made smooth.
4. Wedge-type ground clamp must be located 8" below surface of ground and must be left uncovered until after inspection.
5. Application fee must be paid before hook-up is made.

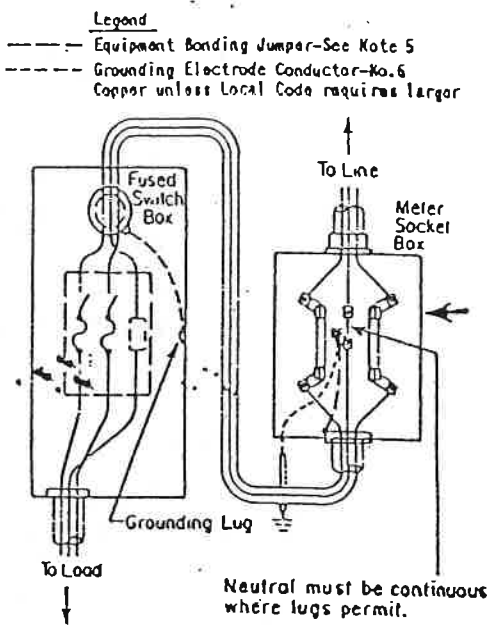
1 ϕ 3 WIRE RESIDENTIAL SERVICE - CONDUIT SIZING (Weatherhead to Disconnect)

AMPERE RATING	TYPE OF CONDUCTOR	CONDUCTOR WIRE SIZE	EQUIPMENT BONDING JUMPER WIRE SIZE	CONDUIT SIZE		
				MAX CONDUCTOR OPERATING TEMP. 75°C		
				RHW, RHH WITH OUTER COVER	RHW, RHH WITHOUT OUTER COVER	XHHW
200	ALUMINUM UND. ONLY	4/0	#4	2 1/2"	2"	2"
200	COPPER	3/0	#4	2"	2"	2"
100	COPPER	#3	#4	2"	2"	2"

LADD ELEC. METER STANDARDS — AERIAL MOUNTED ON BUILDING

120/240	
1φ-3 WIRE/BUILDING	
200 AMP	
SOCKET/OVERHEAD	
SELF CONTAINED METER SOCKET	

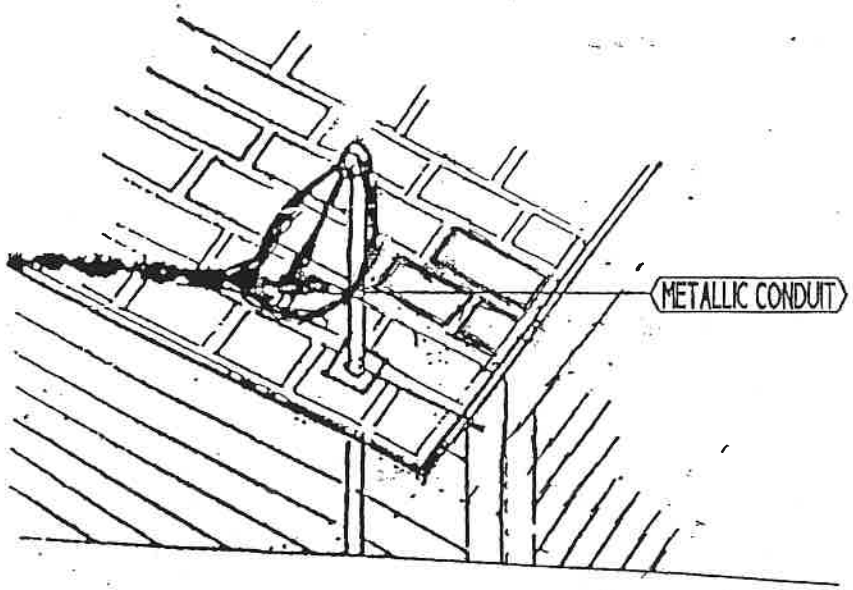


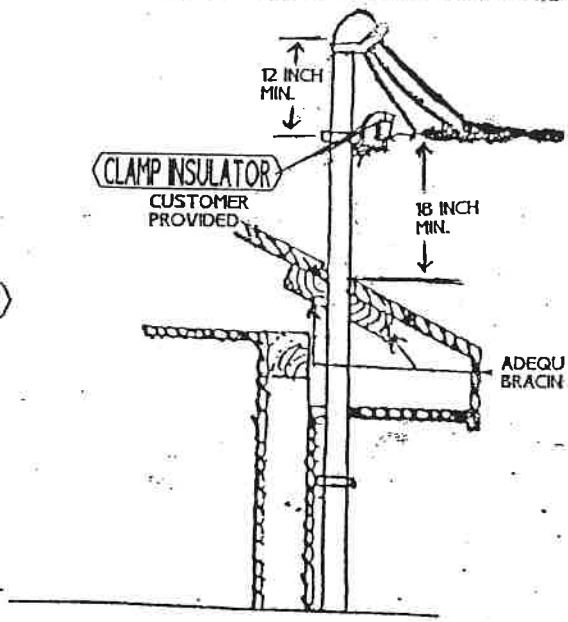


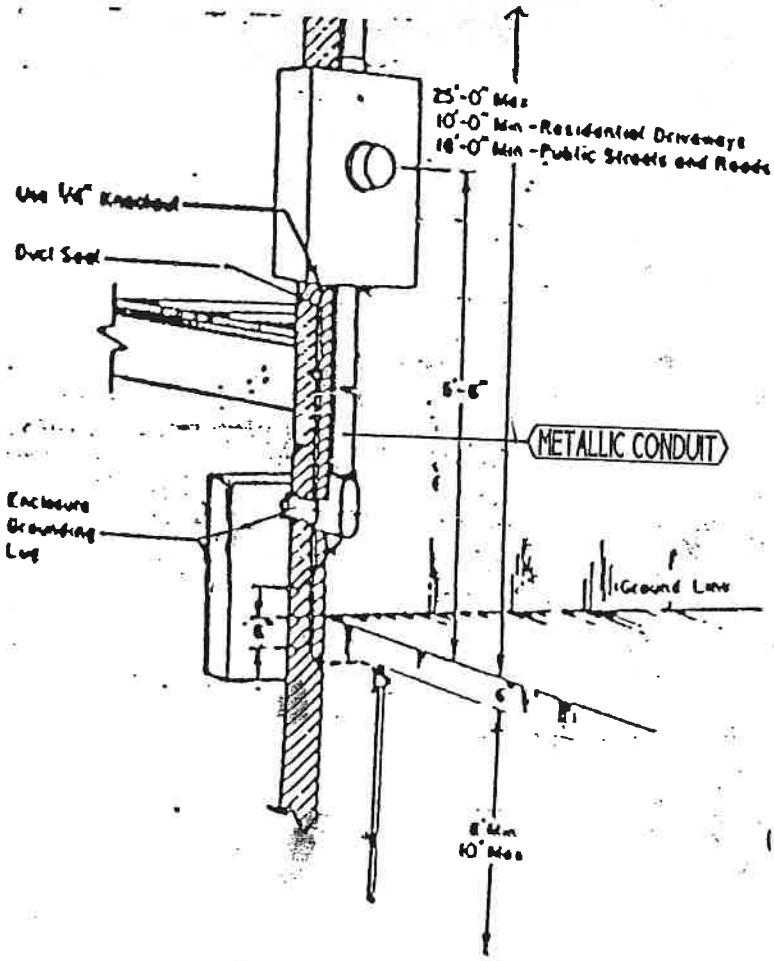
Notes:

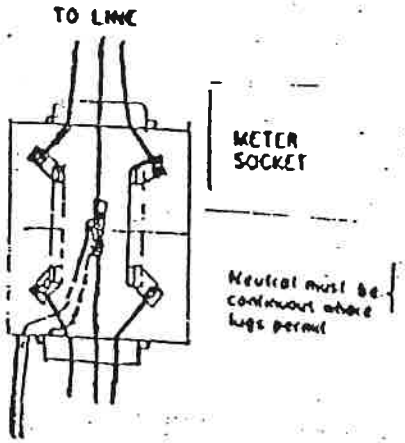
1. The installation of all service entrance equipment, conductors and conduit should conform to local or national electrical codes.
2. Approximately 3 feet of conductor will extend from weatherhead. All conductors should be the same size.
3. Service entrance through rear of meter socket will be permitted only upon Village approval of customers written request.
4. Metallic conduit required. All conduit to be bounded to neutral by way of grounded bushing nuts.
5. All equipment bonding jumpers to be sized according to table.
6. N.E.C. approved ground clamp. Leave uncovered until after inspection.
7. If load center is more than 10 feet away from meter base, a disconnect must be used.

1φ-3 WIRE/POLE	
200 AMP	
SOCKET/OVERHEAD	







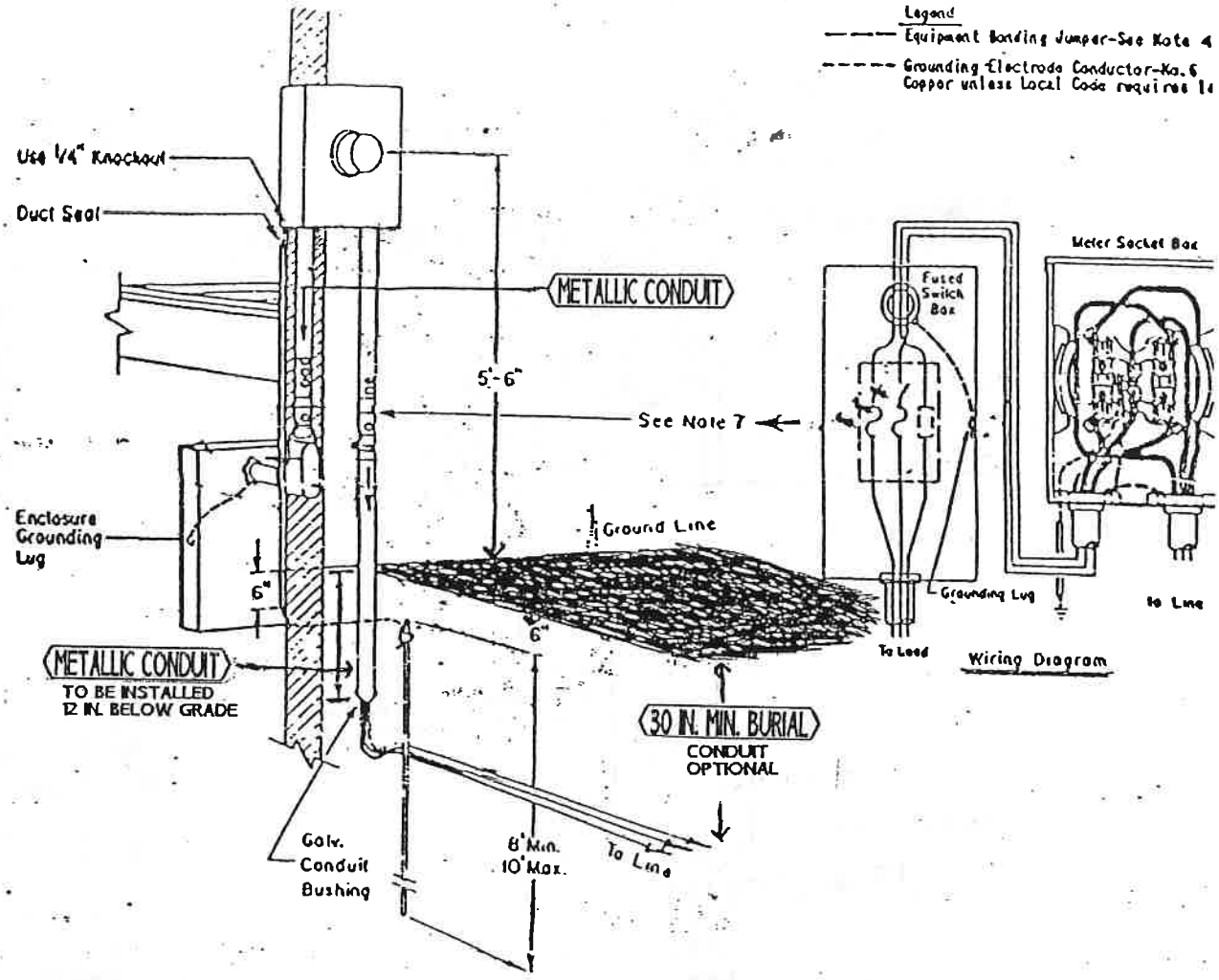


Notes:

1. The installation of all service entrance equipment, conductors and conduit should conform to local & national electrical codes.
2. Metallic conduit required. All conduit to be bounded to neutral by way of grounded bushing nuts.
3. All equipment bonding jumpers to be sized according to table.
4. N.E.C. approved ground clamp.
5. Service entrance through rear of meter socket will be permitted only upon approval.
6. Approximately 3 feet of conductor will extend from weatherhead.
7. If load center is more than 10 feet from meter base, a disconnect must be used.
8. Rigid metallic conduit through eave must be used.

LADD ELEC. METER STANDARDS — UNDERGROUND IN SUBDIVISION

120/240
1φ-3 WIRE/BUILDING
200 AMP
SOCKET/UNDERGROUND
SELF-CONTAINED METER RESIDENTIAL

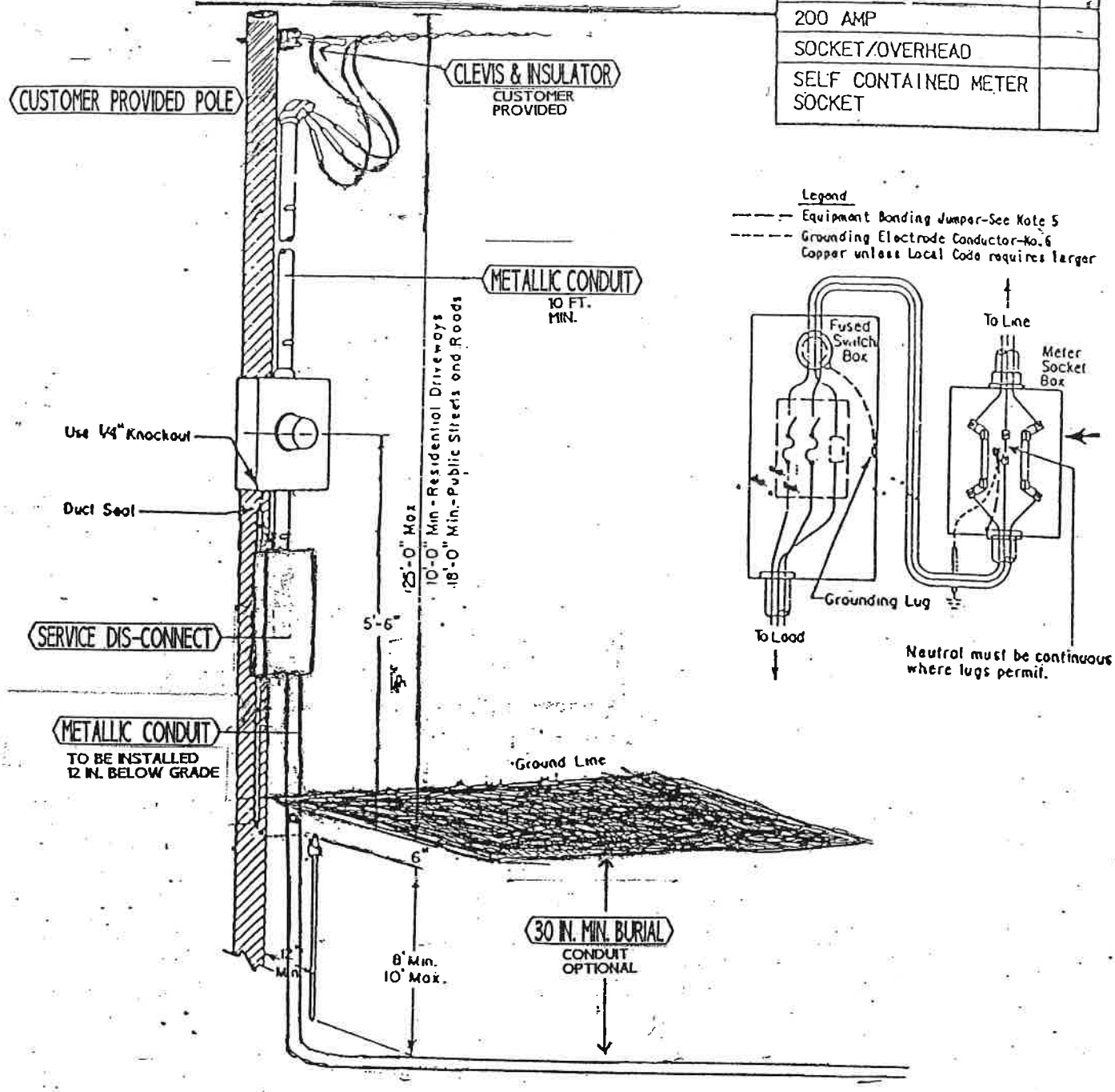


1. The installation of all service entrance equipment, conductors and conduit should conform to local and national electric codes.
2. Service entrance through rear of meter socket will be permitted only on Village approval of customer written request.
3. Metallic conduit required. All conduit to be to neutral by way of grounded bushing nuts.
4. All equipment bonding jumpers to be sized according to table.
5. N.E.C. approved ground clamp. Leave uncovered until after inspection.
6. Entrance conductors must be looped as shown.
7. 2" minimum. If riser is part of a duct run, consult Village for proper conduit size.
8. Pedestal style meter base optional, village will not provide.
9. Village will provide the first 100 feet of underground wire. Amount used over 100 feet will be billed by the Village Clerk.

LADD ELEC. METER STANDARDS

UNDERGROUND IN TOWN

120/240	
1Φ-3 WIRE	
200 AMP	
SOCKET/OVERHEAD	
SELF CONTAINED METER SOCKET	



Notes:

1. The installation of all service entrance equipment, conductors and conduit should conform to local or national electrical codes.
2. Approximately 3 feet of conductor will extend from weatherhead. All conductors should be the same size.
3. Service disconnect will be equal in size to load center.
4. Metallic conduit. All conduit to be bonded with neutral by way of grounded bushing nuts.
5. All equipment bonding jumpers to be sized according to table.
6. N.E.C. approved grounding clamp. Leave uncovered until after inspection.
7. Aerial wire will be provided by Village, underground wire will be provided by customer.