



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

**APPLICATION FOR ELECTRIC SERVICE INSTALLATION – COMMERCIAL/INDUSTRIAL**

**Please type or print:**

**1. This building shall be designated as:**

\_\_\_\_\_

**2. Location of building:**

\_\_\_\_\_

**3. Name, mailing address and phone number of the following:**

**Developer:**

\_\_\_\_\_

**Owner:**

\_\_\_\_\_

\_\_\_\_\_

**Builder:**

\_\_\_\_\_

\_\_\_\_\_

**Electric Contractor:**

\_\_\_\_\_

\_\_\_\_\_

**4. General type of building: A. Heavy Industrial \_\_\_\_\_ B. Light Industrial \_\_\_\_\_**

**C. Warehouse \_\_\_\_\_ D. Speculation \_\_\_\_\_ E. Other \_\_\_\_\_ (specify) \_\_\_\_\_**

TECHNICAL INFORMATION

Note: The electrical contractor or engineer should complete this section.

5. Requested voltage at main service entrance :

\_\_\_\_\_ Voltage Phase +0 Neutral

\_\_\_\_\_ Voltage Phase to Phase

6. Number of electric meters desired: \_\_\_\_\_

7. Type of service entrance requested:

A. Single Phase: \_\_\_\_\_ B. Three Phase/Three Wire: \_\_\_\_\_ C. Three Phase/Four Wire: \_\_\_\_\_

D. Others (specify): \_\_\_\_\_

8. 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.

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

A. Electric Heat \_\_\_\_\_ B. Electric Welders \_\_\_\_\_ C. Computer System \_\_\_\_\_ D. Others (specify) \_\_\_\_\_

10. Please provide the connected load: \_\_\_\_\_

11. Type of service requested: Overhead \_\_\_\_\_ Underground \_\_\_\_\_

12. Do you require a service with special provisions for regulating voltage? Yes \_\_\_\_\_ No \_\_\_\_\_

Explain \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

13. Please submit a site plan with desired location of transformer or Electric Services 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:**

\_\_\_\_\_

**The cost of this service installation by the Village will be:** \_\_\_\_\_

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

**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)**



**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:** \_\_\_\_\_

# VILLAGE OF LADD

Frank Cattani, Trustee  
Carol Collins, Trustee  
Barry Flanagan, Trustee  
Jim Manning, Trustee  
Jan Martin, Trustee  
Mike Urbanowski, Trustee

121 NORTH MAIN AVENUE  
PO BOX 305  
LADD ILLINOIS 61329  
815.894.2440 PHONE  
815.894.2879 FAX  
<http://vil.ladd.il.us>  
[villageladd@comcast.net](mailto:villageladd@comcast.net)

Mike Grivetti, Village President  
Diane Chandler, Village Clerk  
John Kopina, Village Treasurer  
Doug Englehaupt, Superintendent  
Bill Gaefcke, Police Chief  
Patrick Barry, Village Attorney

1. **The Village electrician shall decide the location of the electric meter on any building.**
2. **The Village will be responsible for any supply service wires for a maximum distance of 100 feet from Village pole. Service wires and poles for longer spans will be the responsibility of the customer.**
3. **No conduit or wires of customer will be permitted on Village poles. If an underground service is desired, customer will supply and install an approved pole on his property and install a weather-proof fused switch equal in size to service switch in basement.**
4. **Temporary service will be provided by the customer or contractor and must be on approved pole with service consisting of meter socket, fused switch and UF wire.**
5. **No change will be made to a customer's electrical service where Village service drops exist until Village electrician is notified and approval is given. Any violation of the above will result in the refusal of the Village to connect electrical service to the building or the removal of any existing Village service wires.**
6. **100 amp minimum to all customers using overhead lines, 200 amp minimum for underground feeder services.**
7. **Village will furnish all meter sockets but will not provide pedestals.**
8. **All overheads to UF services must have protective device before UF leads.**
9. **All service wires above ground must be in proper sized rigid conduit, no plastic will be allowed.**
10. **Meter sockets must be grounded with #4 or larger copper wire to an 8 foot 5/8 copper clad ground rod driven to a point 8" below grade level on new installation.**
11. **Ground wire shall be protected by plastic or metal pipe from meter socket to 6" below ground level.**
12. **Distance from meter socket to main cut-off to be not more than 10 feet unless approved by Village electrician.**
13. **The Village must approve all installations and their locations.**
14. **All bushings in meter sockets and main box to be bonding type.**
15. **Conduits, service heads and service equipment to be UL approved type.**
16. **NO aluminum wire shall be used with exception to underground services.**
17. **All load centers shall be equipped with main switch or main breaker.**
18. **200 amps maximum allowed per residential address. Service requests for more than 200 amps would be considered by Village electrician and may result in an increased service fee.**

## LADD ELEC. METER STANDARDS

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 LOCKKUT		
LB CONDUIT FITTING, GALV. STEEL OR ALUMINUM		
GALVANIZED CONDUIT BUSKING, BORDING TYPE		
SERVICE ENTRANCE SWITCH, FUSED, OR CIRCUIT BREAKER *WHERE NEEDED*		
METER MOUNTING DEVICE, 200 AMPERE. OR 29 3427 (2 1/2" HUB)	TO BE FURNISHED BY LADD	(2" HUB)
COPPERWELD GROUND ROD, 5/8" x 10'		
GROUND ROD CLAMP, 5/8"		

Particular attention is called to the following items:

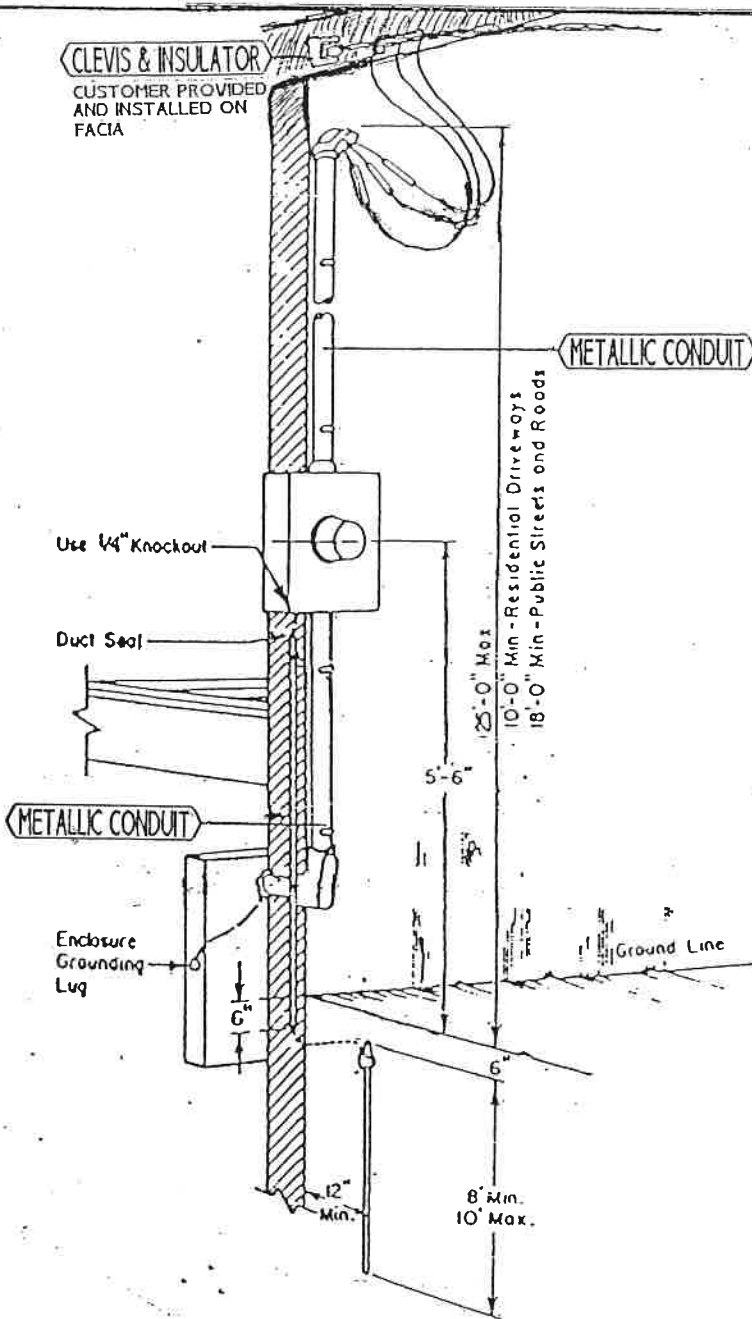
1. The meter sockets are to be 5'-6" from the finished grade as shown on sketch.
2. The use of water pipes or water pipe fittings in the wiring installation is not permissible.
3. All sharp edges on inside ends of conduit must be reamed and made smooth.
4. Wedge-type ground clamp must be located 8" below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

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

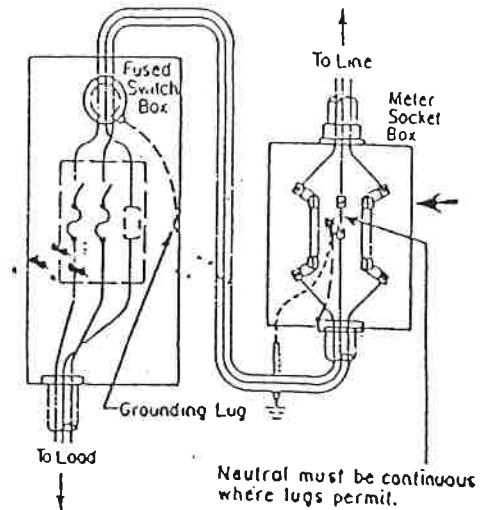
AMPERE RATING	TYPE OF CONDUCTOR	CONDUCTOR WIRE SIZE	EQUIPMENT BORDING JUMPER WIRE SIZE	CONDUIT SIZE		
				MAX CONDUCTOR OPERATING TEMP. 75°C		
				RHW, RHH WITH OUTER COVER	RHW, RHH WITHOUT OUTER COVER	XHHW
200	ALUMINUM UND. ONLY	4/0	#4	2 1/2"	2"	2"
200	COPPER	3/0	#4	2"	2"	2"
100	COPPER	#3	#4	2"	2"	2"

LADD ELEC. METER STANDARDS — AERIAL MOUNTED ON BUILDING

120/240	
1 $\phi$ -3 WIRE/BUILDING	
200 AMP	
SOCKET/OVERHEAD	
SELF CONTAINED METER SOCKET	



Legend  
 --- Equipment Bonding Jumper—See Note 5  
 - - - - - Grounding Electrode Conductor—No. 6  
 Copper unless Local Code requires larger



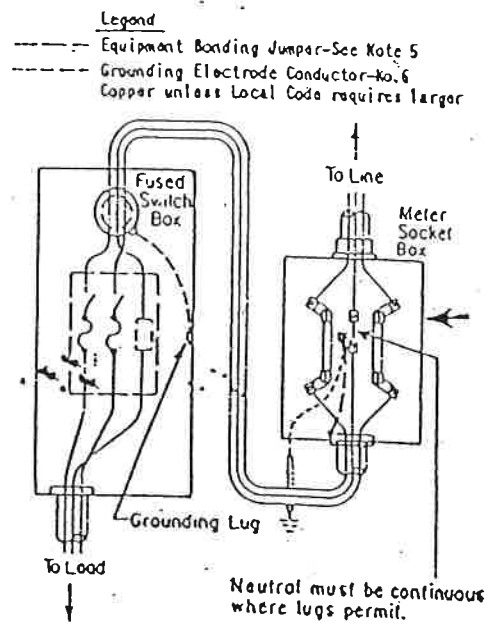
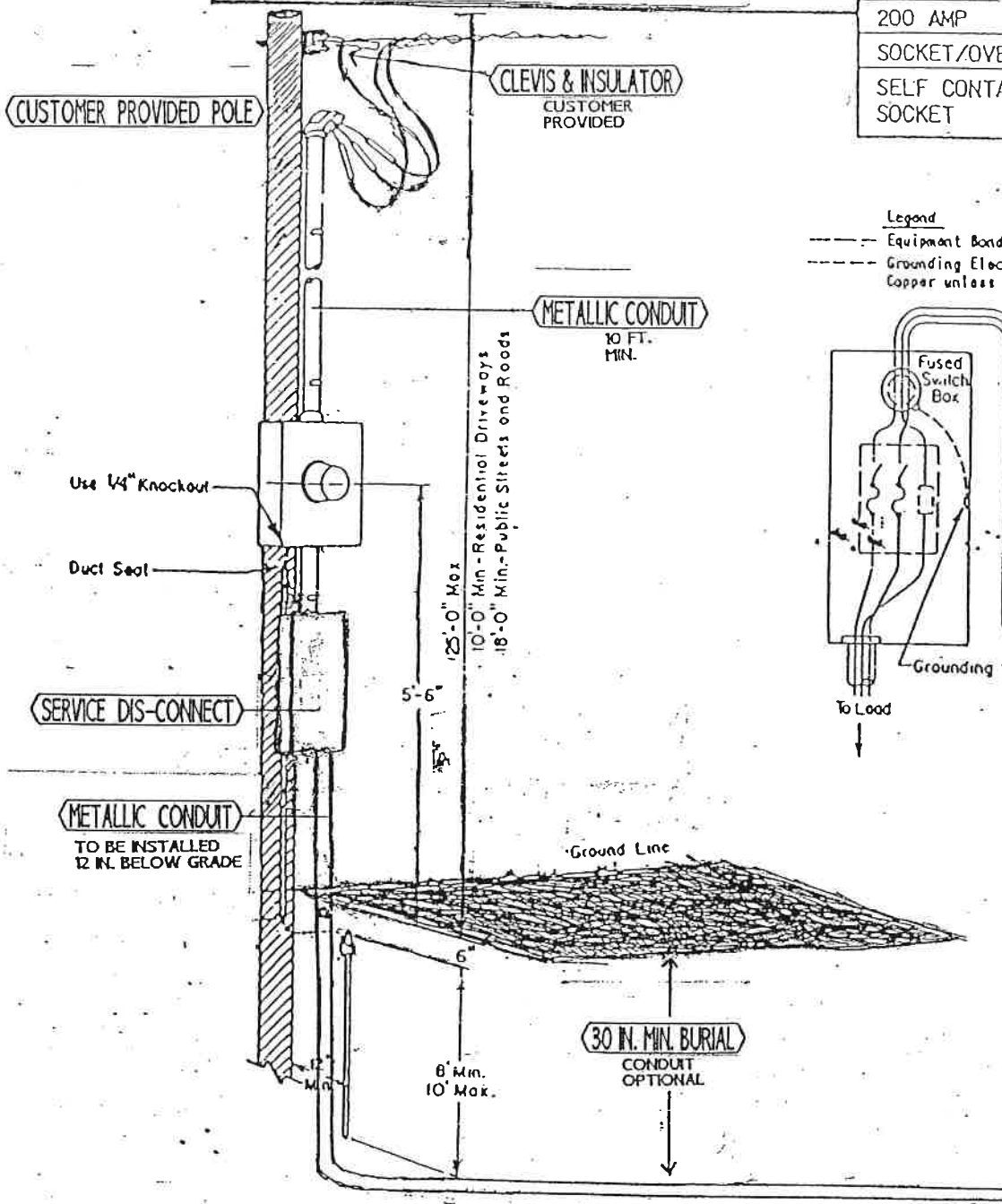
Notes:

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 bonded 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.

LADD ELEC. METER STANDARDS

UNDERGROUND  
IN TOWN

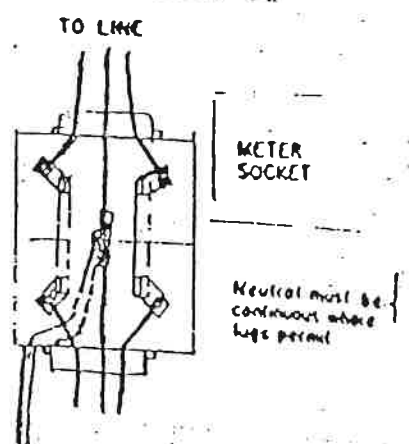
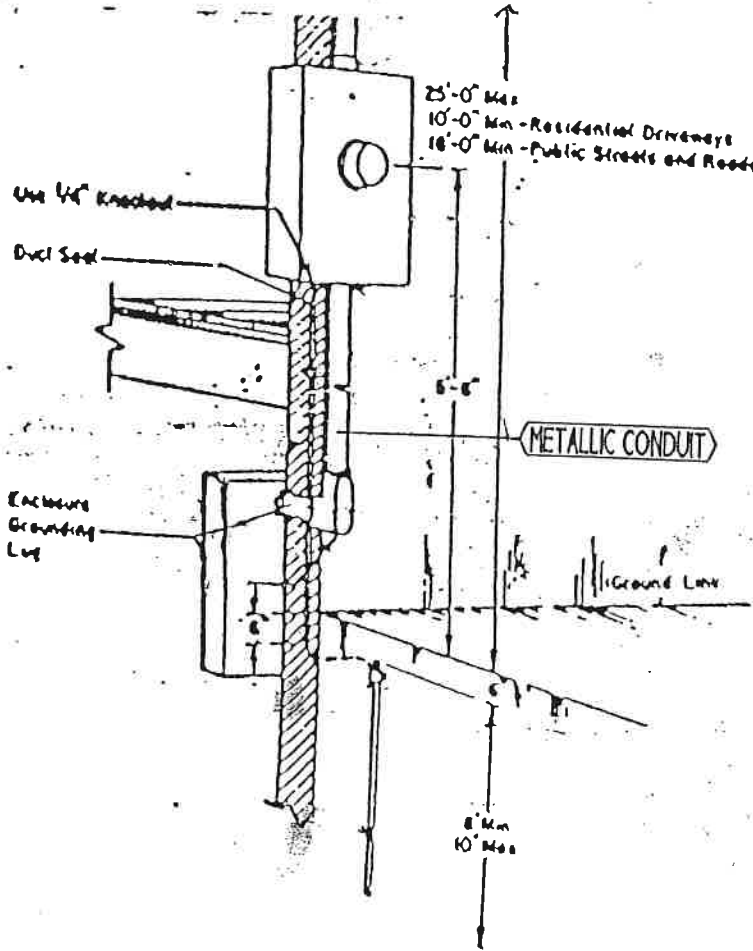
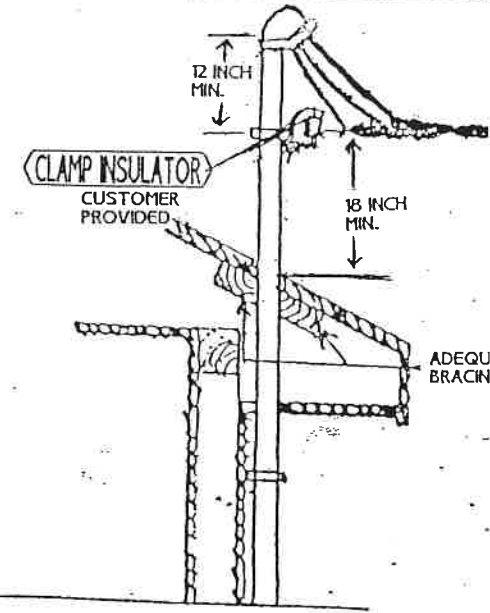
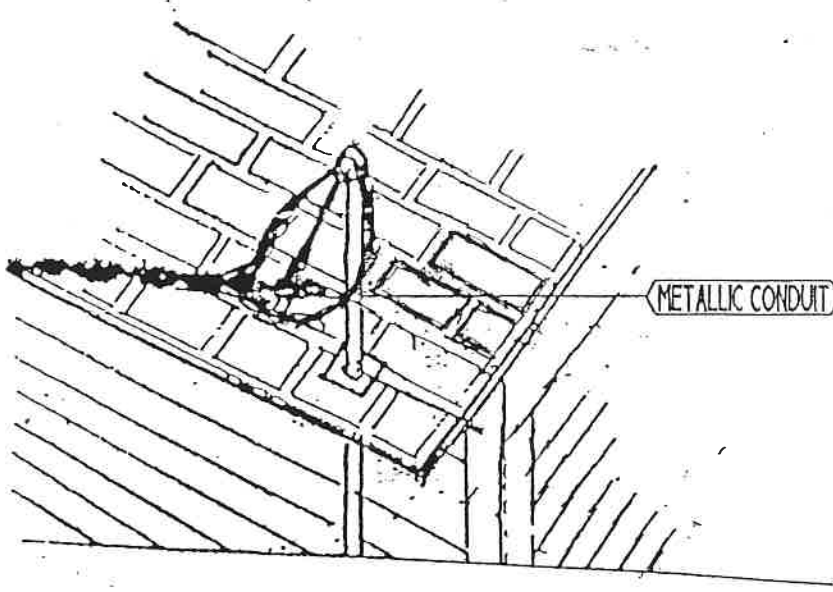
120/240	
1 $\phi$ -3 WIRE.	
200 AMP	
SOCKET/OVERHEAD	
SELF CONTAINED METER SOCKET	



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.

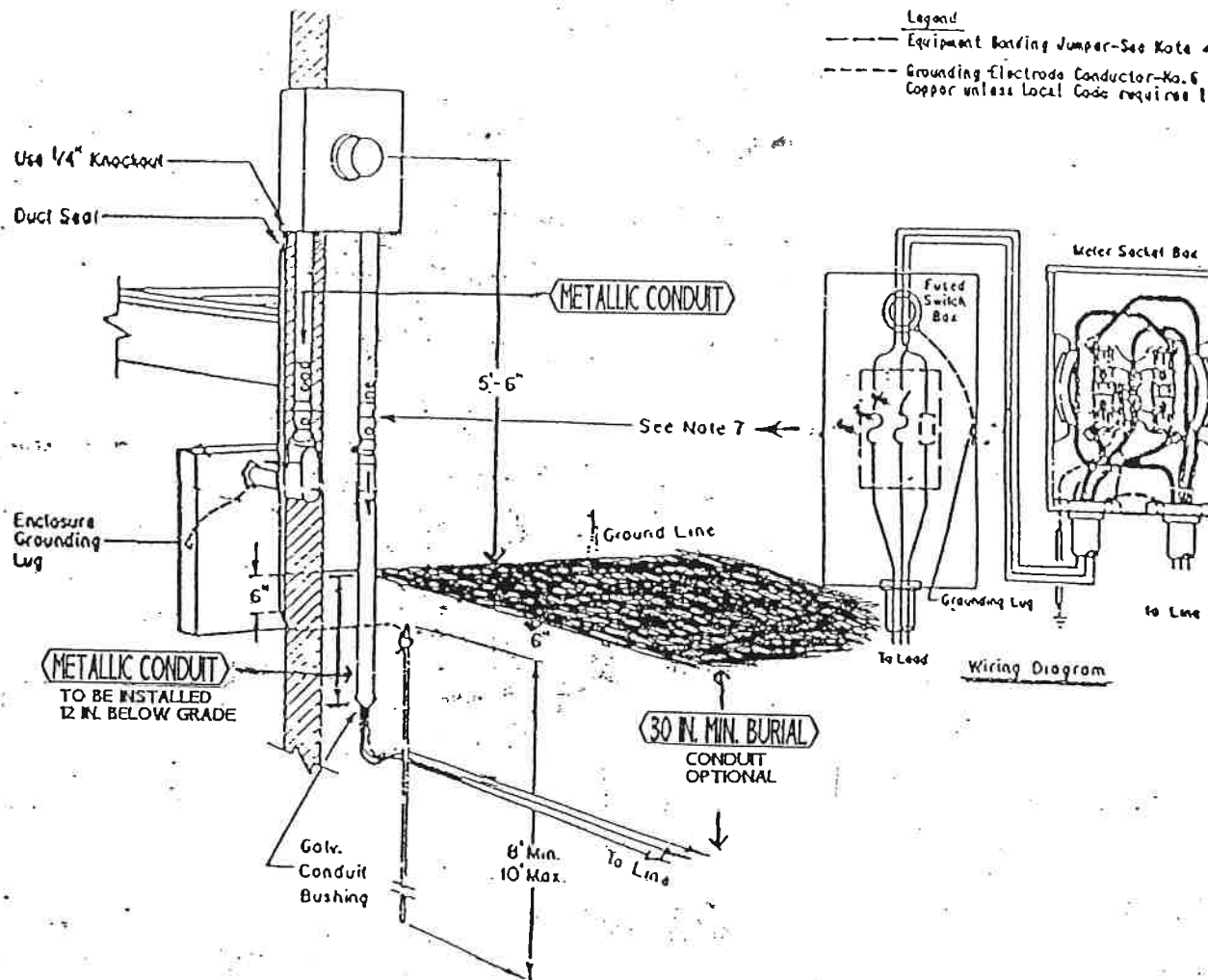
1φ-3 WIRE/POLE	
200 AMP	
SOCKET/OVERHEAD	



- 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 bonded 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.



120/240
1 $\phi$ -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.