

Underground Primary & Secondary Installation



Yazoo Valley EPA
"Strong on Service"

UG-2A

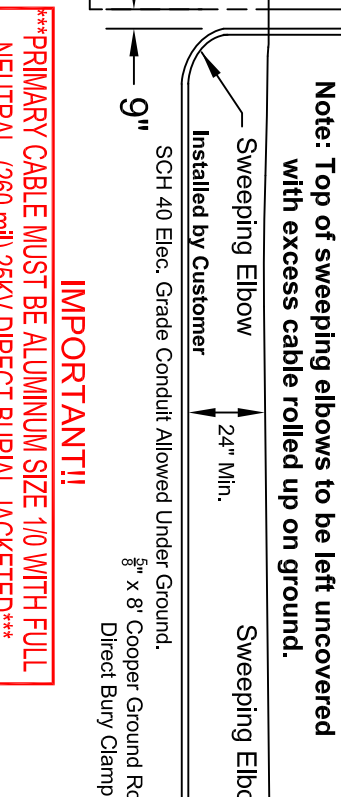
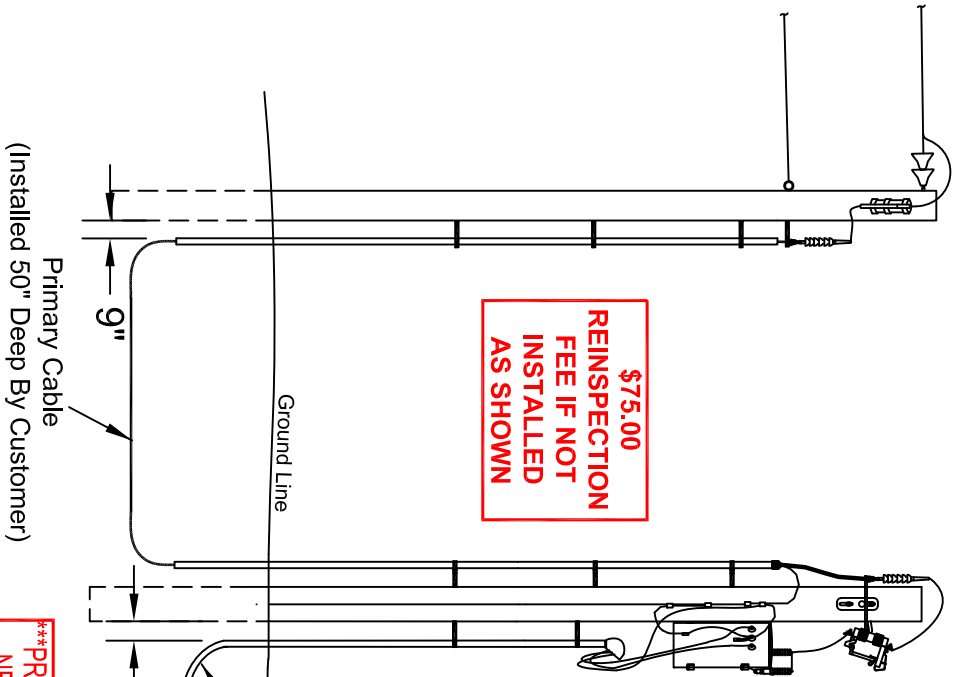
Customer's Responsibility:

1. The customer is responsible for the purchase, maintenance, and installation of all primary and secondary underground cable and conduit.
2. The customer shall leave excess primary cable rolled up at each of the poles and excess secondary cable rolled up at the transformer pole to accommodate cable terminations. (YVEPA will advise on excess cable lengths.)

Note:

If customer experiences an outage YVEPA will troubleshoot and determine if problem is on YVEPA or the customer. If it is determined that the customer's UG cable and/or breaker panel is defective, power will be disconnected until customer repairs cable and/or breaker panel. If it is determined that the problem lies in any of the items provided by YVEPA, the item will be replaced and installed at no cost to the customer.

**\$75.00
REINSPECTION
FEE IF NOT
INSTALLED
AS SHOWN**



SCH 80 Elec. Grade Conduit Above Ground

Note: Top of sweeping elbows to be left uncovered with excess cable rolled up on ground.

Sweeping Elbow
Installed by Customer

Sweeping Elbow

SCH 40 Elec. Grade Conduit Allowed Under Ground.

5/8" x 8' Cooper Ground Rod With Direct Bury Clamp

Weatherproof
Combination
Meter Base
Breaker Box

Note: 4 Wire Service From Outside Disconnect To Inside House. 4th Wire to be #6 Insulated Copper Wire.

*****COPPER*****					
Meter Size	Conduit Size	Conductor Wire Size	Neutral Wire Size	Ground Wire Size	Ground Wire Size
60 amp	1"	#4	#4	#6 COPPER	#6 COPPER
100 amp	2"	#2	#4	#6 COPPER	#6 COPPER
200 amp	2"	#2/0	#1/0	#4 COPPER	#4 COPPER
*****ALUMINUM*****					
Meter Size	Conduit Size	Conductor Wire Size	Neutral Wire Size	Ground Wire Size	Ground Wire Size
60 amp	1"	#2	#4	#6 COPPER	#6 COPPER
100 amp	2"	#1/0	#2	#6 COPPER	#6 COPPER
200 amp	2"	#4/0	#2/0	#4 COPPER	#4 COPPER

IMPORTANT!!

*****PRIMARY CABLE MUST BE ALUMINUM SIZE 1/0 WITH FULL NEUTRAL. (260 mil) 25KV DIRECT BURIAL JACKETED*****

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Approved by: RB	Date: 8/17/2023
Checked by: RB	Scale: None
Drawn by: RB	
Revised by: RB	Date: 2/8/2024