

# BOROUGH OF FANWOOD

75 North Martine Ave, Fanwood, NJ 07023

908-322-8236 x 121

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Pat Hoynes  
Purchasing Agent

## 2015 REQUEST FOR QUOTE

230 North Avenue – (North Ave Train Station) Outdoor Electrical Work

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The Borough of Fanwood is seeking an experienced professional electrician to implement the following improvements at 230 North Avenue, Fanwood, NJ 07023

Please plan to visit the site prior to quoting. Technical inquires shall be made to Clinton Dickson, 908-322-7404.

**QUOTES THAT ARE NOT SUBMITTED ON THIS FORM ARE**

**UNACCEPTABLE AND WILL NOT BE CONSIDERED.**

**Quotes shall be returned to this office by August 19, 2015.**

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### SCOPE

#### **Main Building**

- Provide and install (1) 60 amp type 3r main breaker enclosure alongside of existing service meter (see attached for spec sheets)
- Install one, 1-inch PVC conduit approx. 25 feet vertical on building
- Install one, 1-inch service head at top of conduit run
- Install 100 feet of #6 awg. Thwn sub feed wires
- Install stain relief hook for overhead wiring
- Install approx. 75 feet of #2 awg. Al. quadplex wire from building to new pole

#### **New pole location**

- Install sono tube and concrete base with pole lags
- Install approximately 40 feet of 1-inch PVC conduit from top of new pole to existing underground junction box (conduit concealed)
- Install 1-inch service head at new pole
- Install approx. 200 feet of #6 awg. Cu. Sub feeders
- Set and install new 14 foot pole (see attached for spec sheets)

- Install new hook and strain relief at top of new pole
- Attach quadplex and terminate wiring

**Underground**

- Reuse existing conduit approximately 190 feet
- Remove existing wiring from conduit
- Install approximately 800 feet of #6 awg. Cu. Sub feeders from existing underground junction box to above ground entry point
- Install spare conduit with junction box at 100 foot in Sub feeder line (#6 awg.)

**Ground level electrical**

- Remove existing backboard and service outlets
- Install new 12/24-outlet or readily available type 3r sub panel
- Install new 12-outlet dedicated weather resistant gfci protected outlets
- Re-energize new led lawn sign feed with power (TO BE CONSTANT POWER)

Notes:

- Permits must be secured, fees to be paid by Fanwood Borough
- All trenching and backfilling done by Fanwood Borough
- Parking restrictions to create a safe work space to be determined with contractor and Police Department.
- Electrical power shutdown if necessary must be scheduled prior to work.
- All material is guaranteed to be as specified. All work to be completed in a workmanship like manner in accordance with the N.E.C. code.
- Any alteration or deviations from the above specifications, involving extra costs, will be executed only upon written orders, and become an additional charge and or above this estimate.

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**Lump Sum Quote:** \_\_\_\_\_  
Written in numbers

\_\_\_\_\_  
Written in words

Contact Name: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Company Name: \_\_\_\_\_

Address: \_\_\_\_\_

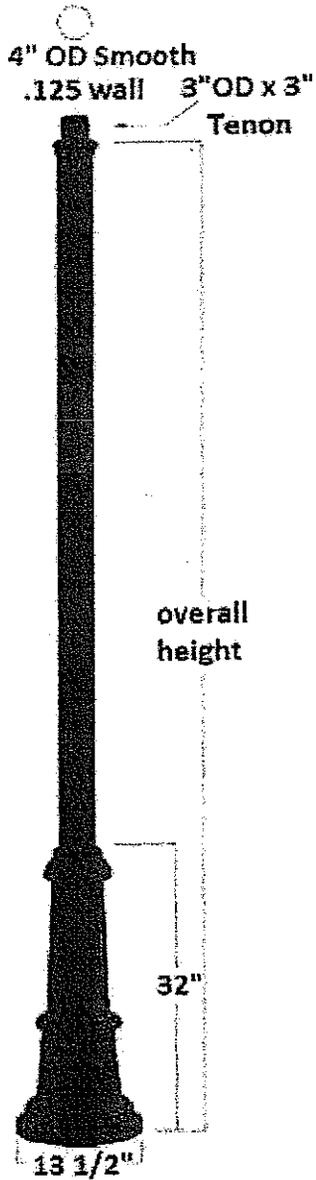
Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ E-mail: \_\_\_\_\_

Date: \_\_\_\_\_

# The Cliffs Series Cast Aluminum Base and Round Aluminum Pole Assembly #610000



## Dimensional Drawing:



## Product Specifications:

- 13 1/2" diameter cast aluminum fluted base (.250 min. wall)
- Extruded shaft is circumferentially welded to the base
- Access door for anchor bolts and wiring is secured with tamper resistant stainless steel screws
- Ground lug provided inside base
- Capable of supporting multiple light brackets

## Materials:

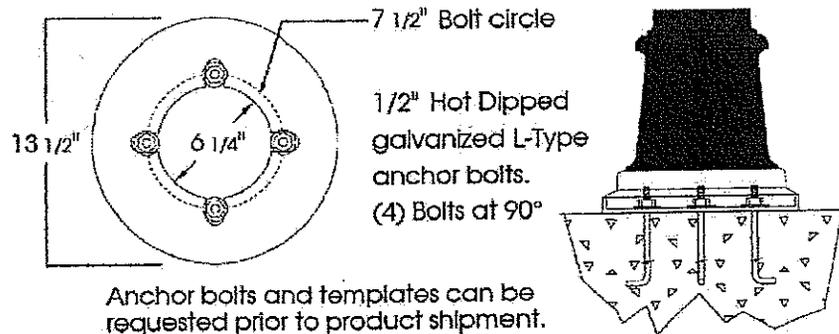
- Base - Cast aluminum (A319)
- Shaft - Extruded Aluminum (6005-T5)
- Tenon - 3"OD Cast aluminum (A319)
- Anchor Bolts - Hot dipped galvanized steel included

## Finish:

Premium quality thermoset polyester powdercoat for a durable finish in the following:

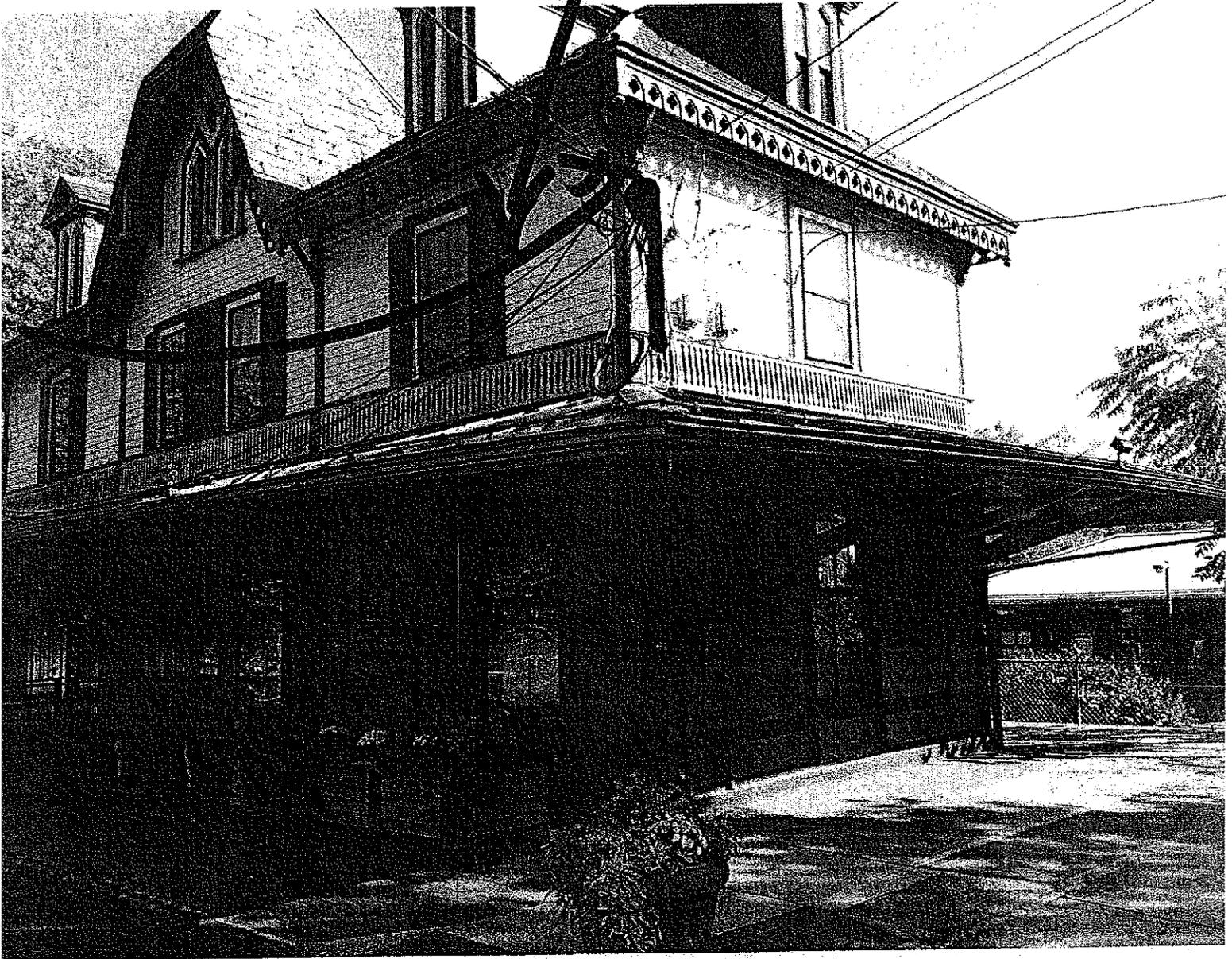
- Satin Black
- Classic Bronze
- Green
- Textured Black

## Anchor Details:



MAIN  
BUILDING

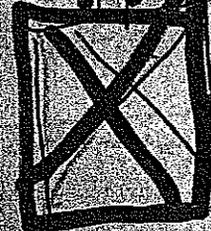
Wire TO new Pole  
12'-14' ABOVE GROUND  
LEVEL



T.B.D.

OR

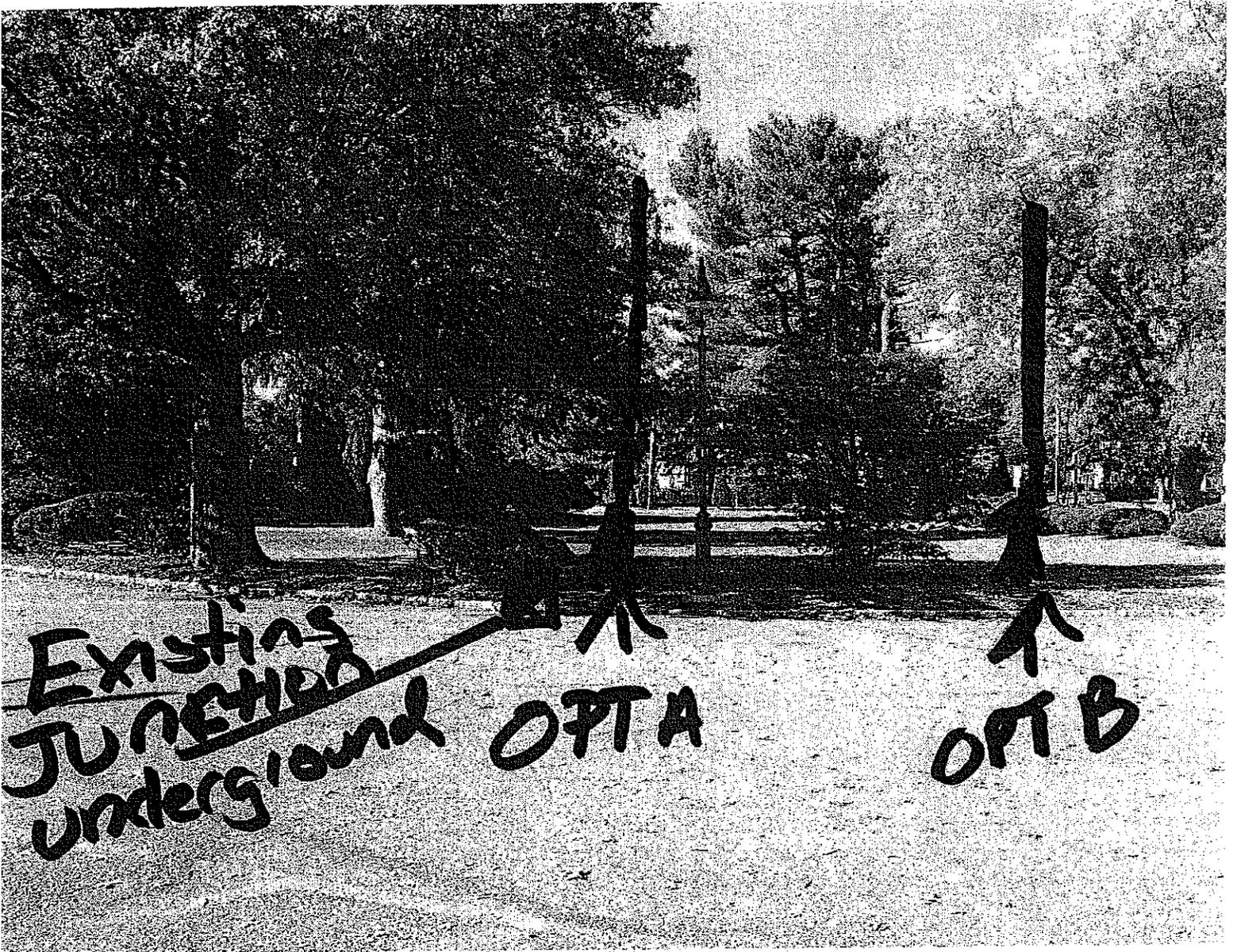
TYPE  
3  
FIRE  
DRAINS



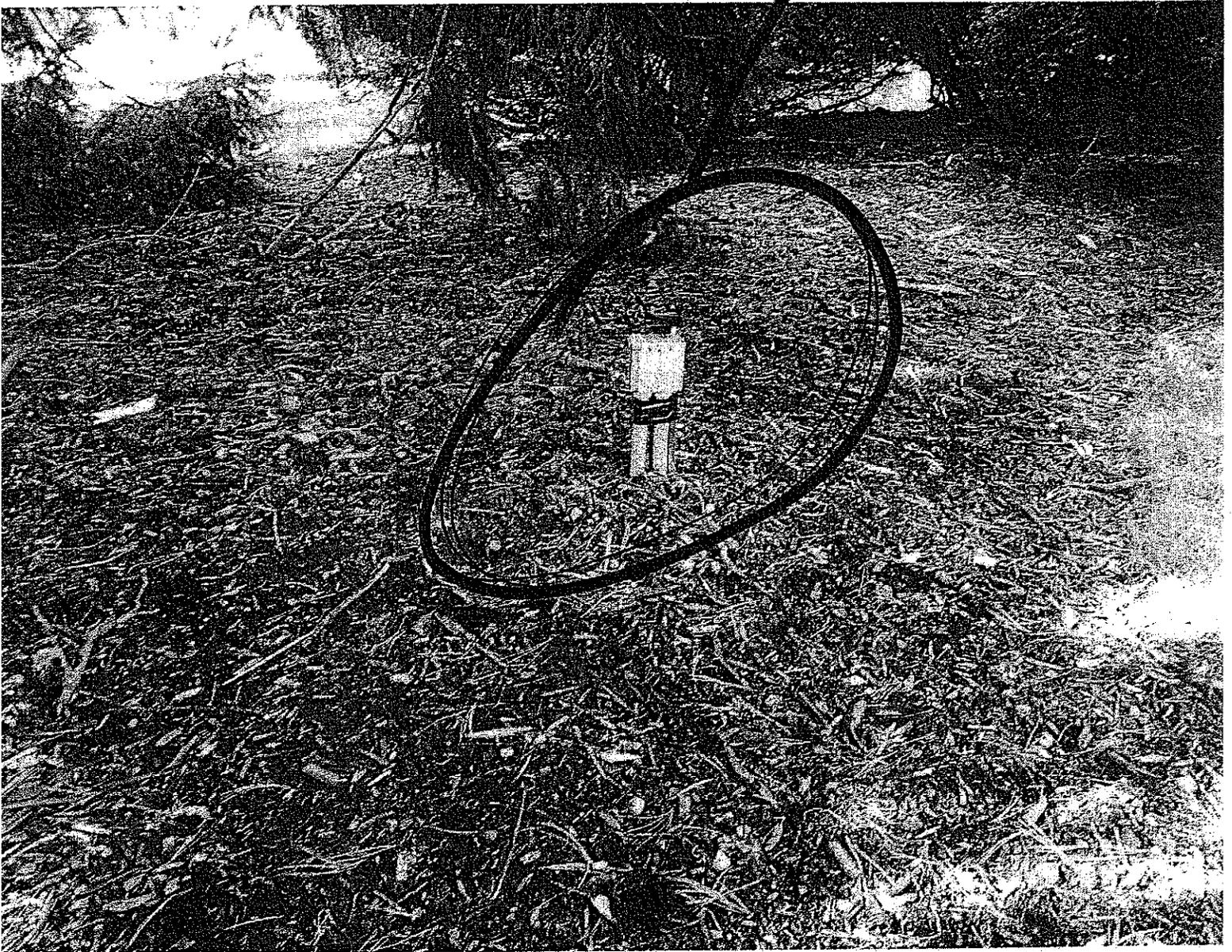
T.I.D.

# Pole Locations

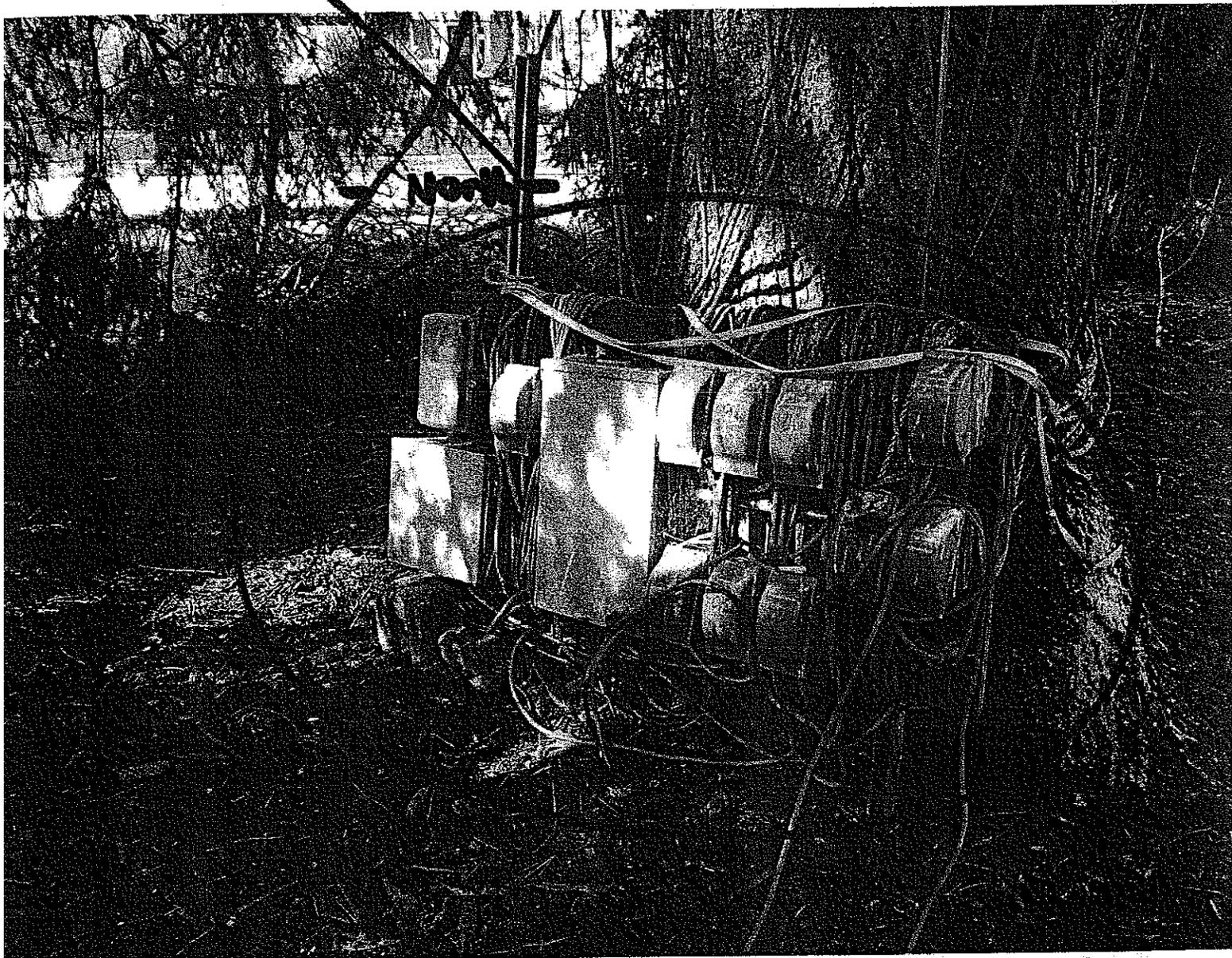
A or B



Surface Point  
①



REMOVE AND REPIACE  
WITH NEW.



Pine Tree North Ave