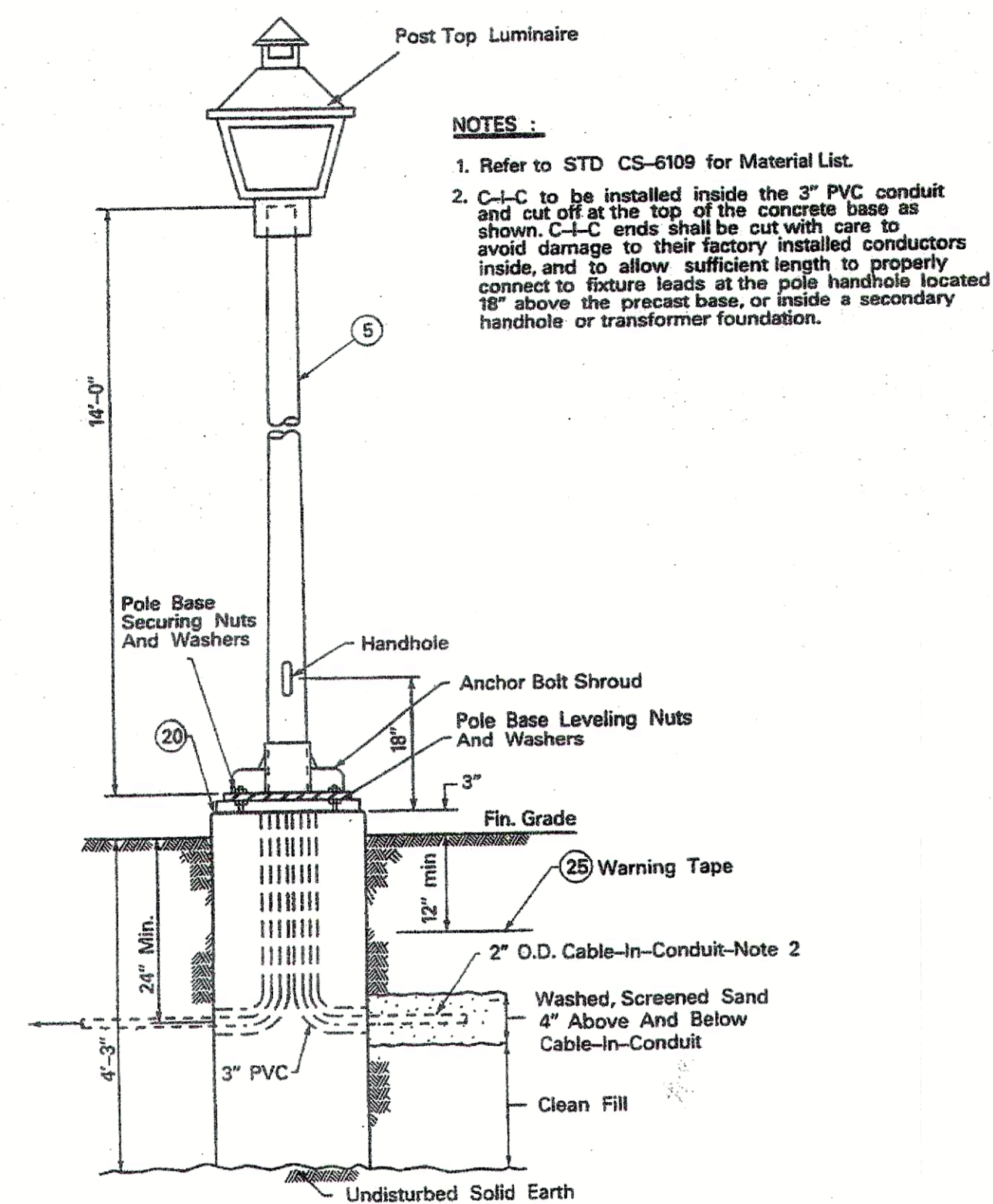


1. APPLICATION - Base mounted, 14 foot, fiberglass poles are used for street lighting applications using post top mounted luminaires.

2. POLE INSTALLATION - See Figure 1.



NOTES:

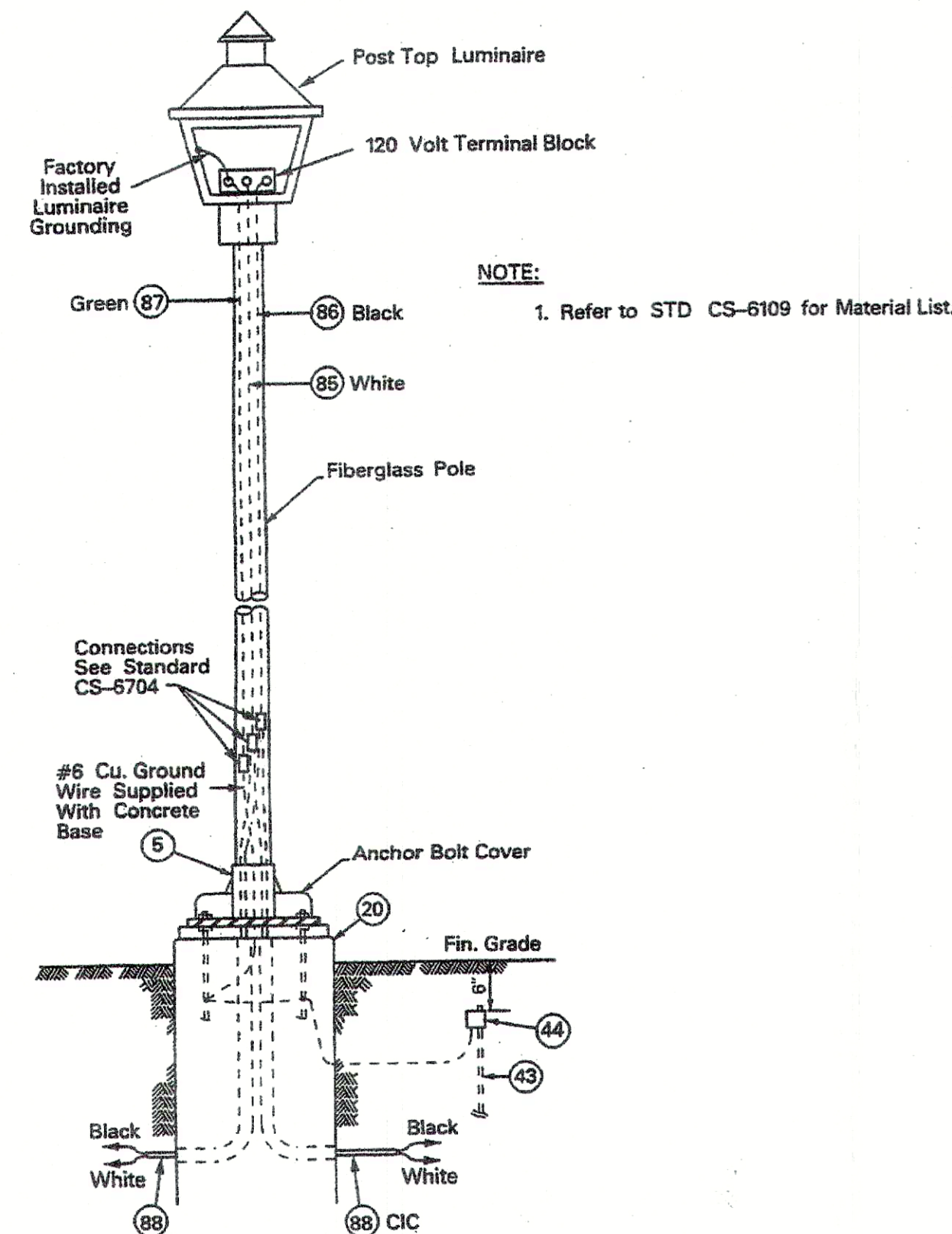
1. Refer to STD CS-6109 for Material List.
2. C-L-C to be installed inside the 3" PVC conduit and cut off at the top of the concrete base as shown. C-L-C ends shall be cut with care to avoid damage to their factory installed conductors inside, and to allow sufficient length to properly connect to fixture leads at the pole handhole located 18" above the precast base, or inside a secondary handhole or transformer foundation.

N.E.Co. STANDARD "CS 6810" PAGE 1 OF 2

**BASE MOUNTED 14 FOOT FIBERGLASS POLE
INSTALLATION DETAIL**

N.T.S.

3. WIRING DETAILS - See Figure 2.



NOTE:

1. Refer to STD CS-6109 for Material List.

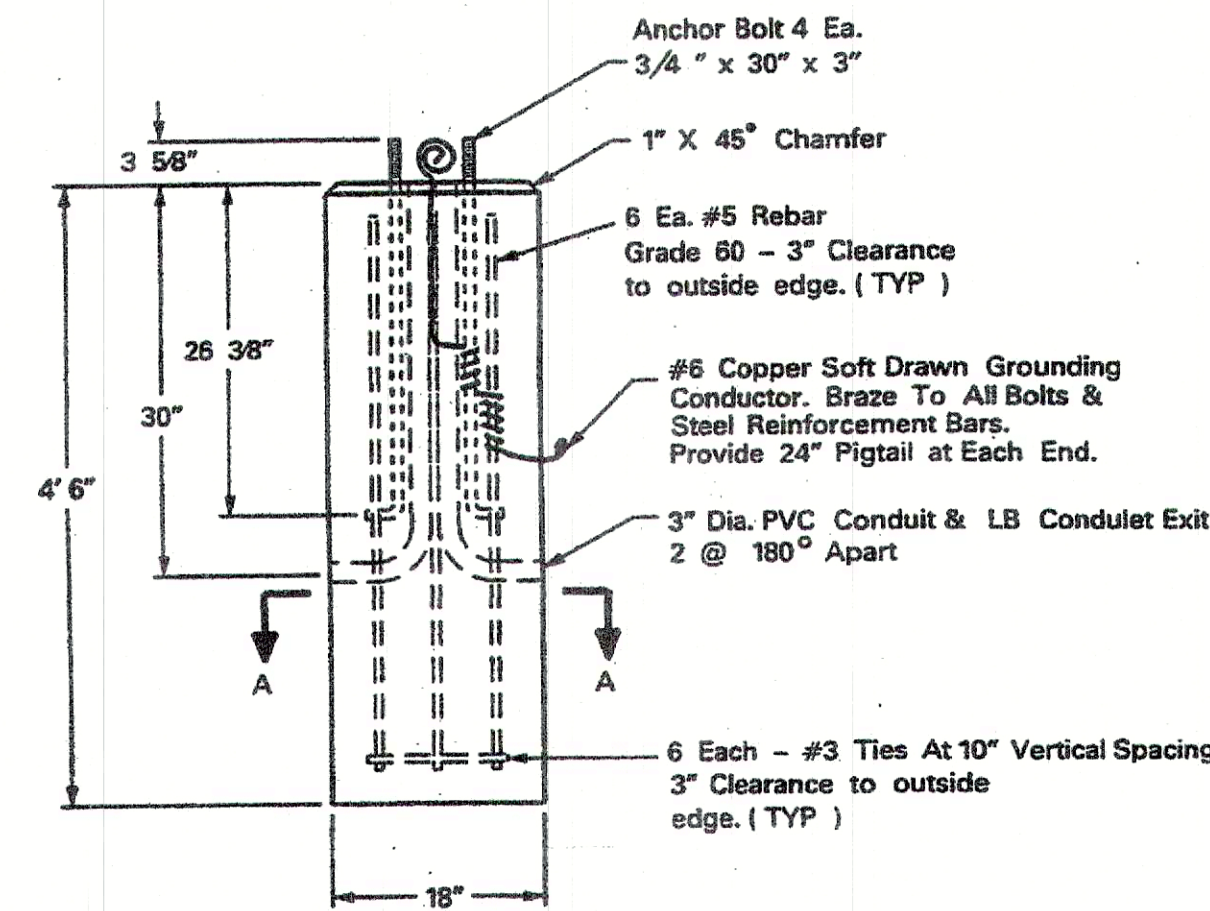
N.E.Co. STANDARD "CS 6810" PAGE 2 OF 2

**BASE MOUNTED 14 FOOT FIBERGLASS POLE
INSTALLATION DETAIL**

N.T.S.

1. APPLICATION: Precast concrete foundations are used for mounting all 14 foot aluminum and fiberglass, base mounted, post style, lighting standards.

2. SPECIFICATIONS: All precast concrete foundations with an 8 5/8" bolt circle shall conform to the following specifications, including Figures 1, 2, and 3.



REFERENCE DETAIL "BB" ON SHEET 7

N.E.Co. STANDARD "CS 6720" PAGE 1 OF 2

**PRECAST CONCRETE FOUNDATION
(8-5/8" BOLT CIRCLE) DETAIL**

N.T.S.

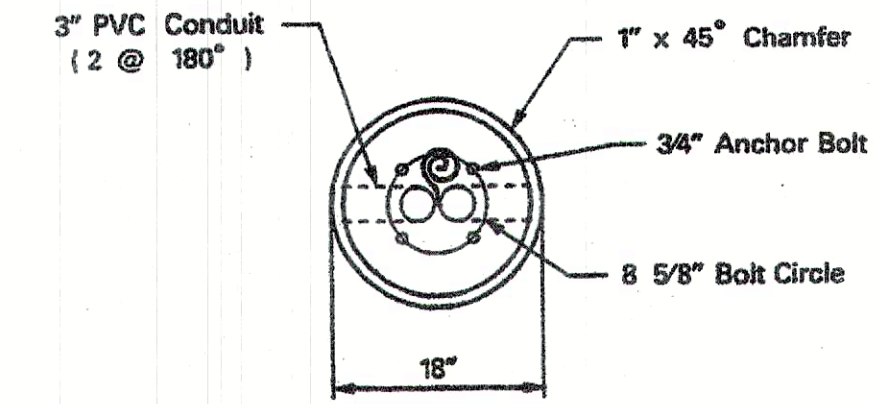


Figure 2 - Precast Concrete Foundation - Top View

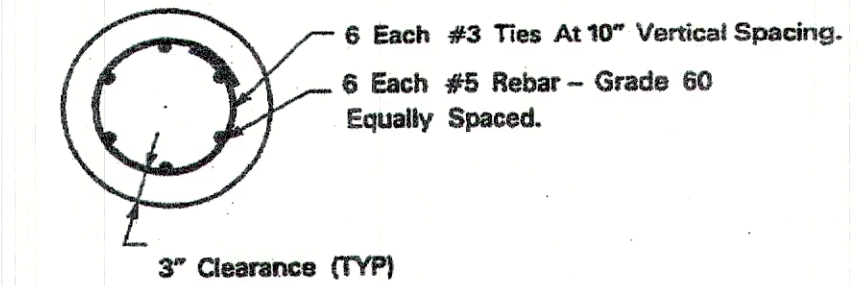


Figure 3 - Reinforcement Detail - Section "A-A" (See Figure 1)

General: Precast concrete lighting foundation, 18 inch round x 4' - 6" deep, with 1" x 45 degree chamfer around top edge. Approx. weight = 1,200 pounds.

Concrete Strength: 4,500 PSI @ 28 day compressive, minimum. Density = 150 pounds per cubic foot.

Reinforcement: Reinforcement shall be in accordance with ASTM A615, Grade 60, with up to 60,000 PSI yield. See Figure 3.

Anchor Bolts: Provide four 3/4" x 30" x 3" anchor bolts, each one with two hexhead nuts and two round washers, all hardware to be A36 galvanized. Bolt circle diameter to be 8 5/8". Bolt projection above top of foundation shall be 3 5/8".

Wiring Access: Provide two 3" diameter PVC conduits with LB conduit exit bends mounted 180 degrees apart. Each conduit to be cut flush with the concrete surface.

Grounding: Provide #6 stranded soft drawn copper wire. Braze copper wire to all anchor bolts and all steel reinforcement rods. Provide a 24" pigtail lead at each end.

3. STORES CODE: 100005

N.E.Co. STANDARD "CS 6720" PAGE 2 OF 2

**PRECAST CONCRETE FOUNDATION
(8-5/8" BOLT CIRCLE) DETAIL**

N.T.S.

REFERENCE DETAILS ON SHEET 7

Narragansett Electric

A National Grid Company

WORK REQUEST: 147632
FILENAME: 2004132-6

**WARREN AVE. LIGHTING
REVITALIZATION PROJECT
PHASE I**
P.64, 65 & P.80, 81 - WARREN AVENUE
EAST PROVIDENCE, RI
STREET LIGHTING INSTALLATION
PERMIT & CONSTRUCTION

SCALE AS NOTED DATE 10-29-2004 BY JF RV JLV AP JF

REVISIONS				
REV	DATE	DESCRIPTION	BY	APPD