2" PVC FOR ELECTRIC POWER BOARD'S USE

FOUR 1" DIAMETER X 42" X 4" GALVANIZED ANCHOR BOLTS

4" x 8" PAVERS

1" SAND

GRANULAR BASE

7/8" DIAMETER STEEL BARS

CONCRETE

8"-0" x 5/8" GROUND ROD

8"-0" x 5/8" GROUND WIRE

2-1/4" GROUT (COLORED TO MATCH PAVERS)

1/2" EXPANSION JOINT

39' LIGHT POLE WITH FLUSH HANDBORE

A36 STEEL BASE PLATE

BOLT COVER (SEE PLAN BELOW)

#4 SOFT DRAWN BARE COPPER GROUND WIRE

2-1/2" BOLT CIRCLE

12-1/2" BOLT CIRCLE

#4 HOOPS ON 12" CENTERS WITH 1"-0" MINIMUM LAP

ELEVATION

PLAN

NOTE

USE 4" X 6 1/2" HANDBONE FRAME AND COVER WITH 1/2"-13 UNC HEX HEAD BOLT AND NUT FOR GROUND CONNECTION. CENTER OF HANDBONE SHALL BE 1'-6" ABOVE THE BOTTOM OF THE BOLT COVER.

CITY OF CHATTANOOGA AND HAMILTON COUNTY

FOUNDATION DETAILS (39' STREETLIGHT POLE)

STANDARD NUMBER: SD-506.01

DATE OF ORIGINAL ISSUE: DECEMBER 10, 1999

REVISIONS AS MARKED OR CLOTTED: 8/24/01