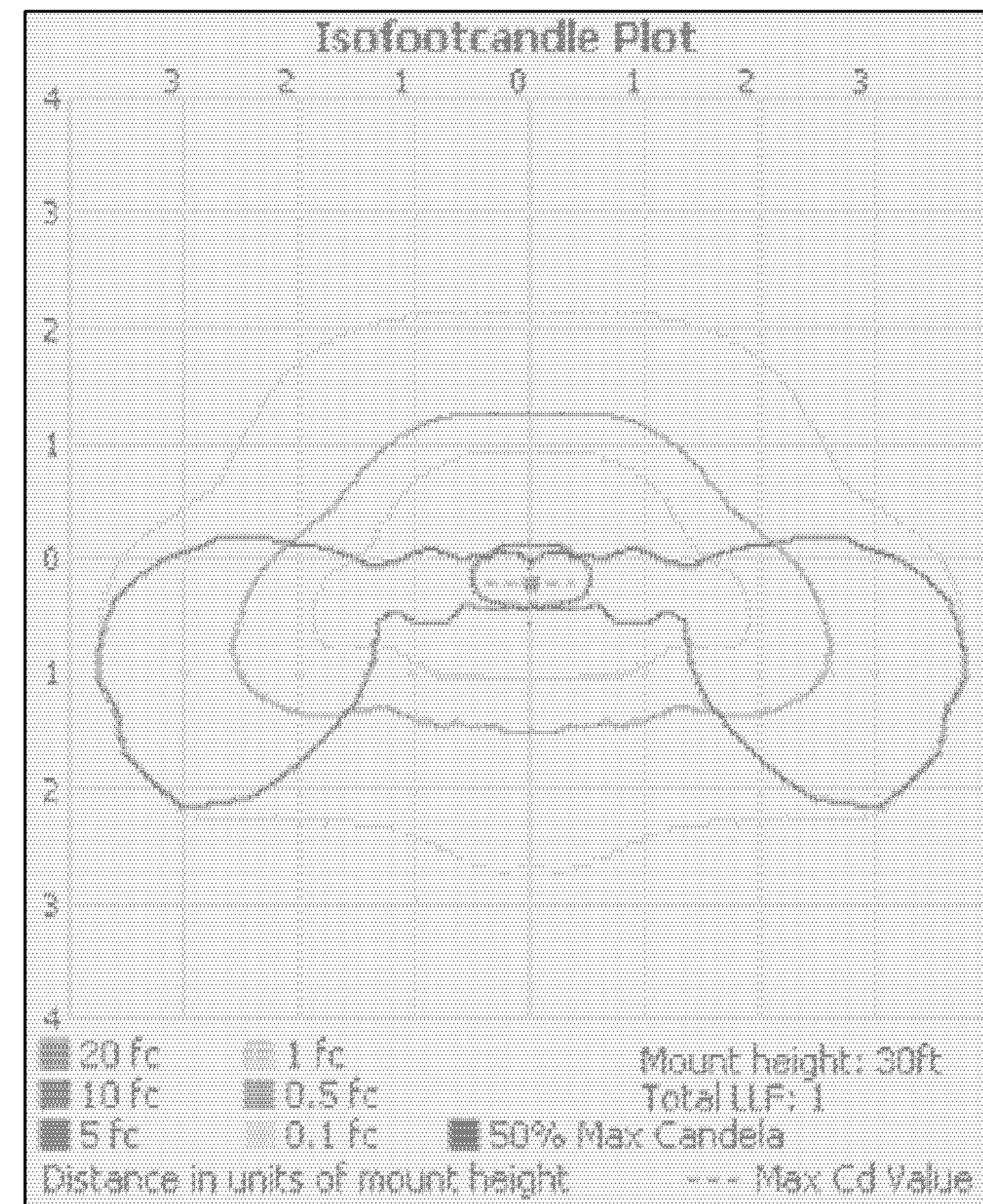


STREET LIGHTING NOTES

LUMINAIRE TYPE: LENS FINISH: DROP LENS GLASS HOUSING: ALUMINUM
 LAMP TYPE: TYPE: 250W HIGH PRESSURE SODIUM LUMENS: 28500
 ANSI/IES TYPE: MEDIUM, TYPE III, FULL CUT-OFF OPTICS
 LUMINAIRE: AMERICAN ELECTRIC LIGHTING I25 25S R3 FG HP
 LAMP: 250W HPS
 LUMINAIRE MOUNTING HEIGHT: 30'-0"

ISOFOOTCANDLE PLOT



LUMINAIRES

ALUMINUM, COBRA HEAD TYPE, 250 WATT HIGH PRESSURE SODIUM (HPS), TYPE X DISTRIBUTION, EQUIVALENT TO AMERICAN ELECTRIC LIGHTING CATALOG NO. I25 25S R3 FG HP.

LUMINAIRE SUBSTITUTIONS SHALL MEET THE ISOFOOTCANDLE DATA AND THE ILLUMINATION LEVELS AS SHOWN ON THIS PLAN.

WIRE

ALL WIRING BETWEEN THE METER AND/OR POWER SOURCE AND THE FIRST POLE AND/OR PULLBOX AND BETWEEN POLES AND/OR PULLBOXES SHALL BE COPPER AND SIZED AS SPECIFIED ON THE PLANS. ALL WIRE SHALL HAVE TYPE XHHW INSULATION OR EQUIVALENT.

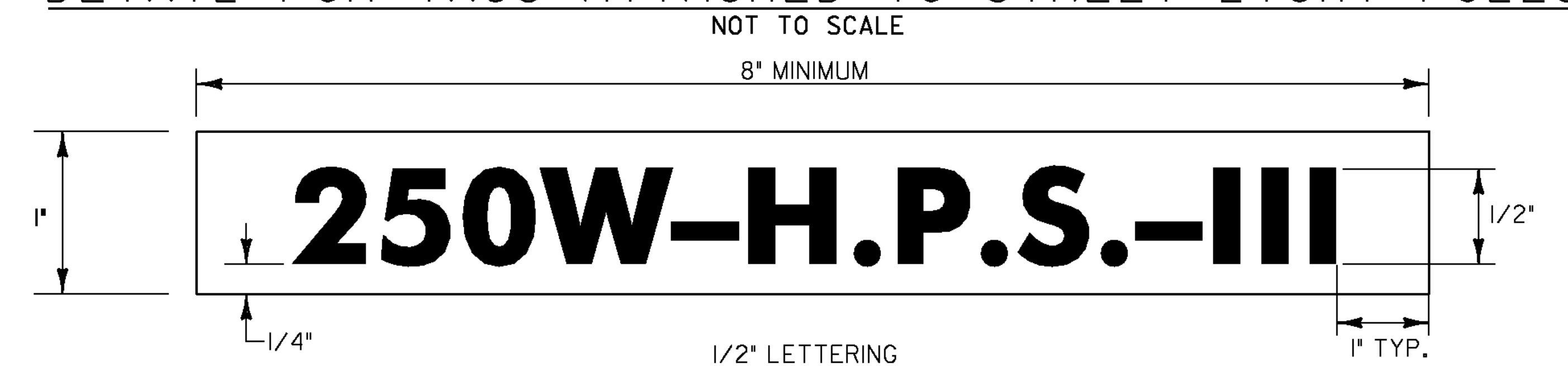
GROUNDING

ALL CONDUIT MUST INCLUDE A GROUNDING CONDUCTOR. ALL CONDUIT SHALL BE PROPERLY CONNECTED AT THE JOINTS SO AS TO BE WATERTIGHT AND MAINTAIN ELECTRICAL CONTINUITY AND HAVE GROUNDING BUSHINGS SO AS TO ACT AS A GROUNDING CONDUCTOR. ALUMINUM WIRE SHALL NOT BE USED FOR GROUND WIRE.

GENERAL

THE LOAD ON EACH BRANCH OF A THREE WIRE CIRCUIT SHALL BE AS BALANCED AS POSSIBLE. LOAD TO NEUTRAL.

DETAIL FOR TAGS ATTACHED TO STREET LIGHT POLES



LEGEND: BLACK OR WHITE (NON-REFLECTIVE) - STAMPED PRIOR TO PRINTING/PAINING.
 BACKGROUND: FLAT BLACK SURFACE, THE SAME AS POLE FINISH.

NOTES:

1. THE TAG SHALL BE MOUNTED ON ALL STREET LIGHT POLES IN SUCH A MANNER AS NOT TO BE EASILY REMOVED, SUCH AS WELDED, RIVETED, OR BOLTED WITH VANDAL PROOF BOLTS.
2. THE LETTERS SHALL BE PUNCHED, STAMPED, ENGRAVED, OR PHOTO-ETCHED. PUNCHING, STAMPING OR ENGRAVING SHALL PENETRATE AT LEAST 1/2 THE BASE MATERIAL THICKNESS.
3. THE BASE MATERIAL FOR THE TAG SHALL BE ALUMINUM WITH A MINIMUM THICKNESS OF 0.10 INCHES.
4. THE TAG SHALL BE ATTACHED TO THE POLE ABOVE THE HANDHOLE, 6 INCHES MAXIMUM, IF THE POLE HAS A TRANSFORMER BASE, ATTACH TAG TO COVER.

PROJECT NAME: COLCHESTER
 PROJECT NUMBER: TCSP TCSE (9)

FILE NAME: t06b242+s.dgn
 PROJECT LEADER: J. SCHULTZ
 DESIGNED BY: D. LYMAN
 STREET LIGHTING NOTES

PLOT DATE: 23-FEB-2012
 DRAWN BY: D. LYMAN
 CHECKED BY: J. SCHULTZ
 SHEET 14 OF 22