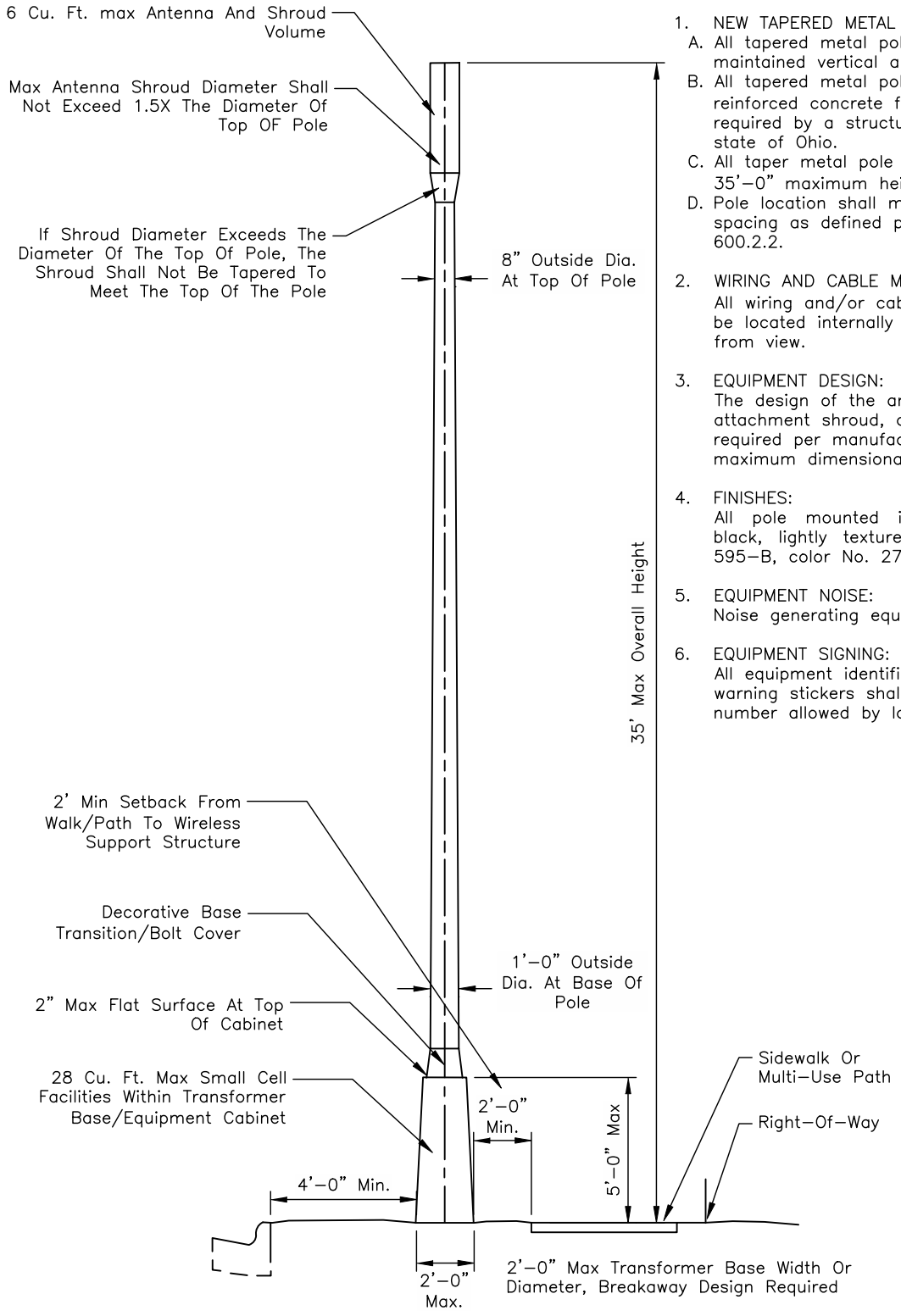


DETAIL NOTES

1. NEW TAPERED METAL POLE INSTALLATIONS:
   A. All tapered metal poles shall be installed and maintained vertical and plumb.
   B. All tapered metal poles shall be anchored onto a reinforced concrete footing / foundation pier as required by a structural engineer licensed in the state of Ohio.
   C. All taper metal pole installations shall have a 35'-0" maximum height above grade.
   D. Pole location shall meet required clear zone spacing as defined per ODOT L&D Manual Section 600.2.2.

2. WIRING AND CABLE MANAGEMENT:
   All wiring and/or cabling and their connections shall be located internally within the pole and concealed from view.

3. EQUIPMENT DESIGN:
   The design of the antenna, antenna pole attachment shroud, and appurtenances may vary as required per manufacturer in compliance with the maximum dimensional limits noted.

4. FINISHES:
   All pole mounted items shall be powder-coated black, lightly textured, similar to Federal standard 595-B, color No. 27040.

5. EQUIPMENT NOISE:
   Noise generating equipment shall not be installed.

6. EQUIPMENT SIGNING:
   All equipment identification, compliance, and warning stickers shall be smallest size and fewest number allowed by law and symmetrically located.

Approved By:

City Engineer, EMH&T Inc

Cindi Fitzpatrick

City Service Director

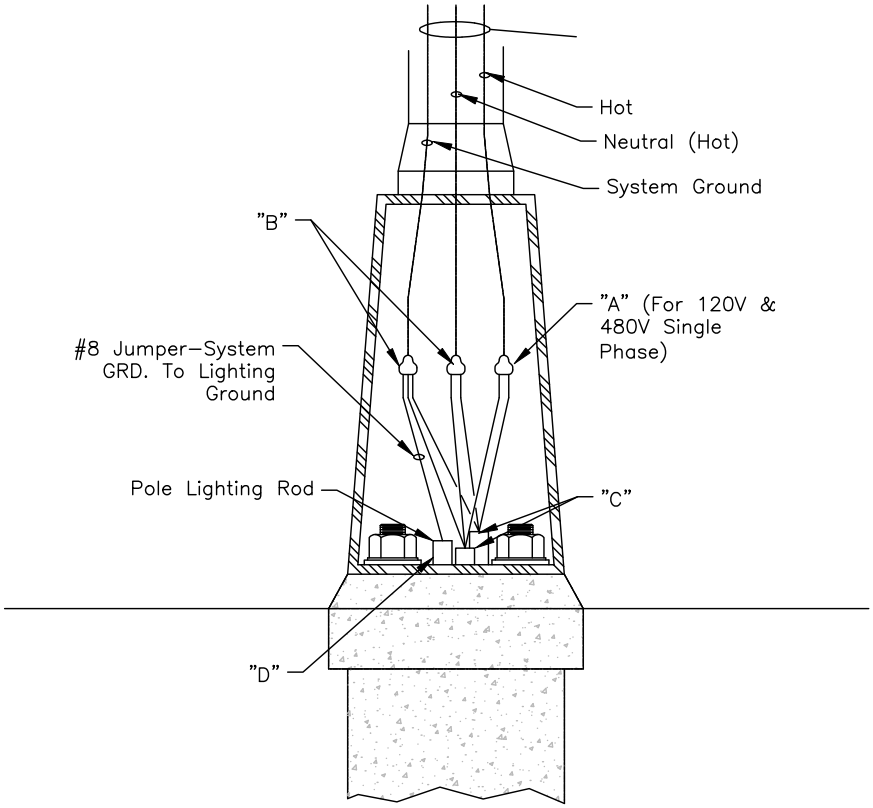
STANDARD DIMENSIONS FOR

WIRELESS COMMUNICATION METAL POLE SYSTEM WITH FACILITIES IN TRANSFORMER BASE

CITY OF GROVE CITY, OHIO

STANDARD CONSTRUCTION DRAWING

Revised	Sheet	Drawing No.
February 2019	1/3	C-GC-99C



CONNECTIONS:

1. "A":
   Fused – Inline Y connector kit type II with waterproof boots and breakaway receptacle. Fuse at 5 amps, elastimold style 82 series or Homac FY series, Buss KTK–R fuse. (Single phase = 2, Double Phase = 1 per pole)

2. "B":
   Unfused–inline 7 connector kit type III with waterproof boots and breakaway receptacle, elastimold 83 series or Homac DY series. 9Single Phase = 2, Double Phase = 1 per pole)

3. "C":
   Provide molded plastic or rubber capping device that only permits wire pass through preventing dirt, water, etc. entry.

4. "D":
   Pole lighting ground lug uninsulated copper compression terminal UL listed for 600V. Size for wire specified. Drill, tap and bolt to transformer base Burndy YA series. Bond system ground to lighting rod ground

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FOR

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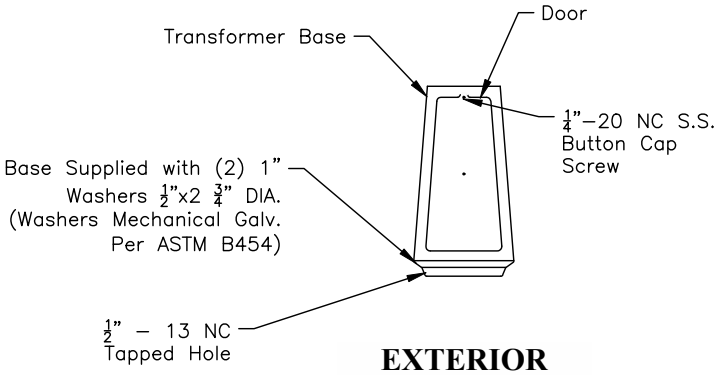
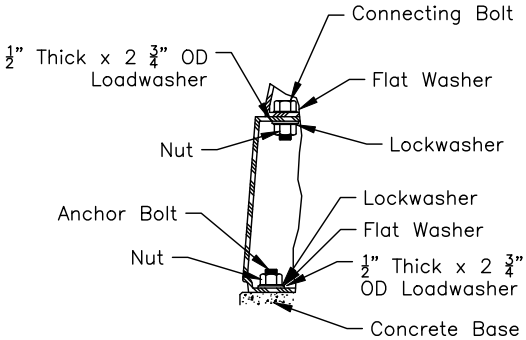
CITY OF GROVE CITY, OHIO

STANDARD CONSTRUCTION DRAWING

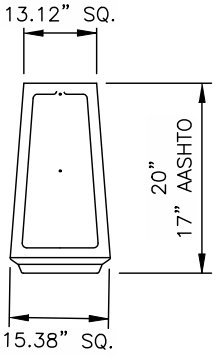
Revised	Sheet	Drawing No.
February 2019	2/3	C-GC-99C

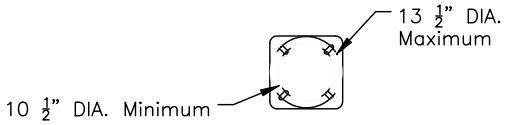


EXTERIOR

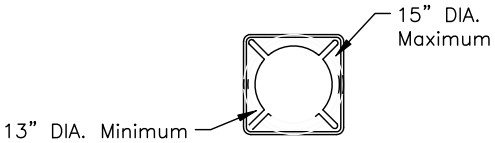


INTERIOR





TOP VIEW



BOTTOM VIEW

NOTES:

1. TRANSFORMER BASE:
   Provide a one–piece cast aluminum alloy 356 breakaway transformer base. Minimum 20–in high with a removable matching access door held in place with stainless steel screws. The door shall be a minimum of 13–in high, 8–in wide at top and 9–in at the bottom. Door shall be field positioned on side away from roadway. The base shall be designed to be attached with anchor bolts provided with a template for mounting in a concrete base. provide a galvanized steel hex–head machine bolt with nuts and lock washers to attach pole base flange to transformer base. Provide load distribution non–corrosive washers to equalize bolt forces at flange mating surfaces.

2. GROUNDING:
   Each Transformer base shall contain an internal lug with drilled hole for attaching a ground conductor.

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STANDARD DIMENSIONS FOR

WIRELESS COMMUNICATION METAL POLE SYSTEM WITH FACILITIES IN TRANSFORMER BASE

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STANDARD CONSTRUCTION DRAWING

Revised	Sheet	Drawing No.
February 2019	3/3	C-GC-99C