TYPE 7 MANHOLE RISER SYSTEM

NOTES
2. TOP AND BOTTOM RINGS ARE WELDED CONTINUOUSLY.
3. THIS SYSTEM IS USED WHEN THE RISE IS LESS THAN THE LID.
4. MINIMUM HEIGHT OF ADJUSTMENT IS 1".
5. EACH ADJUSTMENT RING IS CUSTOM FABRICATED FROM MEASUREMENTS PROVIDED WITH EACH ORDER. REQUIRED MEASUREMENTS INCLUDE:
   A. EXIST. MANHOLE COVER DIAMETER AND THICKNESS.
   B. REQUIRED HEIGHT OF ADJUSTMENT FROM TOP OF EXISTING LID TO DESIRED ELEVATION. MAXIMUM RECOMMENDED HEIGHT OF ADJUSTMENT FOR REPAIRING PROJECTS IS 6".
   C. HEIGHT ADJUSTMENTS ARE AVAILABLE IN 1/4" INCREMENTS.
   D. REQUIRED LENGTH AND TYPE OF RETAINER CLIP.
   E. WIDTH AND HEIGHT OF EXISTING CASTING BEARING SURFACE.
6. DURING INSTALLATION CHECK FOR FULL BEARING OF LOWER FRAME SECTION ON EXISTING CASTING.
7. RISERS SHALL BE COATED WITH BLACK ASPHALT BITUMINOUS PAINT.
8. IN LIEU OF CONE TIPPED BOLTS FOR ATTACHMENT TO FRAME, INCLUDE DRILLED AND TAPPED BAR STOCK WITH 1/2" DIA. "1" LONG STEEL BOLT, LOCK WASHER AND CLIPS.
10. UNLESS OTHERWISE INDICATED IN THE CONTRACT, THE CONTRACTOR MAY USE TYPE 1, 2, 5, OR 7 AT HIS CHOICE.
11. THE USAGE OF EACH TYPE OF ATTACHMENT WILL BE LEFT AT THE DISCRETION OF THE CONTRACTOR.

EFFECTIVE DATE: OCTOBER 2000

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC WORKS
HIGHWAY AND TRANSPORTATION AUTHORITY

DRAINAGE
MANHOLE ADJUSTMENT
MANUFACTURED BY
ANDREWS METAL PRODUCTS
745 ANDREWS AVE.
YOUNGSTOWN, OHIO 44506
PH. 1-800-837-7901 FAX 330-744-1044
EMAIL: SALES@ANDREWMETALPRODUCTS.COM

DATE: REV. BY
STANDARD
DWG. 056 OF 40