24" Manhole Cover
1.5" Riser
2.5" Riser
4" Ring

SECTION (NO SCALE)

FIG. 1
CAST IRON 24" MANHOLE RING AND COVER
NO SCALE

2 1/8" Lifting Slot (Bottom View)

SECTION (NO SCALE)

STANDARD LIFTING SLOT DETAIL
(TYPICAL FOR ALL COVERS)
NO SCALE

25 1/4"

MINIMUM WEIGHT
4" Ring & Ring
Ring - 6" Ring - 150
Cover - 150 1/2 - 180
TOTAL = 330 " KGD

MINIMUM WEIGHT
4" Ring - 6" Ring - 180
Ring - 6" Ring - 210
Cover - 180 1/2 - 240
TOTAL = 530 " KGD

A = LD OPENING DIAMETER
B = LD DIAMETER
C = EXTENSION RISE [series]
D = LD THICKNESS

SECTION R-S

NO SCALE

NOTES:

1. COVER SHALL BE THE DENVER STANDARD PATTERN OR ALTERNATE.
2. THE CASTING SHALL BE OF GRAY CAST IRON, ASTM DESIGNATION A48 CLASS 25B. THE MINIMUM TENSIOL STRENGTH SHALL BE 35 KSI. THE TEST BAR DESIGNATION IS NOT DEFINED AT THIS TIME.
3. CASTINGS SHALL NOT BE DIPPED OR PAINTED.
4. CASTINGS SHALL BE CLEAN, FREE OF FUSED SAND AND REASONABLY SMOOTH. THERE SHALL BE NO PROMINENT BLOW HOLES, NO CRACKS OR FISSURES, AND NO OBSERVED INCOMPLETE FILLING OF THE MOLD.
5. THE MUD RING IS OPTIONAL.
6. THE 4 OR 5 INCH DEEP RING IS TO BE CONSIDERED AS STANDARD. THE 3-2 OR 3-5 INCH DEEP RING USE IN DIRT OR SOIL, LIGHT-ASPHALT AND SHALL BE AT THE ENGINEER'S DISCRETION.
7. COVERS TO DISPLAY A VIEW VISIBLE SURFACE, A48-35 (FOR 350G CO), #7'S LOGO OR NAME, YEAR (2 DIGITS), AND COUNTRY OF ORIGIN IF IMPORTED.